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TABSA EVALUATION FORM

District: LEJWELEPUTSWA **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   * Electrostatic
   * Electricity
   * Vectors
   * Acids and Base
   * Organic chemistry
   * Work, energy & power
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   - Electrostatic → Demostration of balloons, plastic was interesting and made it easy for learners to see how repulsion & attraction take pl
   - Vectors → Model of Vector scale and measuring mass it was amazing
   - Work, energy and Power → Building a simple car and taking time for moving it was interesting.
3. How will this workshop improve your teaching practices?
   - I will be more on doing practicals than make an excuse of not having apparatus in our laboratory.
   - As much as I enjoyed my learners surely will enjoy doing Science
4. In which topic(s) will you require to be get more content training and for which grade(s)?

   Waves → GRADE 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?

   Very well The presenters were excellent and made everything look easy and exciting
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.

   Yes → use these cheap and apparatus I make from pks bottles to do practicals that I couldn't do due to my school not having apparatus for the lab
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?

   Yes it will help. After they have their theory well studied, the Practical and seeing what we did here, they will be able to apply the theory to practice.
8. Would you want to have more TABSA workshops in future?

   (Yes) No
9. Any other comments:

   The Presenters made my life so easy and I came back from the workshop with so much knowledge and love for the subject.

TABSA EVALUATION FORM

District: Leqweleputswa **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Vectors
   organic chemistry + electrochemical cell
   electricity
   Acid + Base
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   I learnt how to make my very own indicator to test for acid & base substance. I learnt how to ~~ma~~ make my own conducting wire with foil
3. How will this workshop improve your teaching practices?
   I learnt more methodology. So the training wasn't just content but teaching strategies also
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   grade 11 and grade 12 electrodynamics - motors
   Right hand rule
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes the presenters were very well prepared and conducted the presentation in a meaningful and confident way.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, I learnt how to use a concept map to introduce a topic, plan my lesson and a concept map can also be used to evaluate ~~what a learner~~ a learners' prior knowledge about a topic
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, I will now be able to do practicals with my learners using ~~t~~ old stuff and therefore do not need a lab really. The workshop showed us how to do the practicals without our fancy lab materials.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:

TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   Electrolysis Acids and bases
   Vectors
   Organic chemistry
   Electricity
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   - The one where we could build our own cars and collect data, how long can it move.
   - And where we were separating mixtures.
3. How will this workshop improve your teaching practices?
   1. I will be able to do more experiments with my learners. 2. The easiest way to collect data
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electrodynamics - motors
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were ~~very~~ fully prepared and I could understand what they were demonstrating
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, there are simple materials that we could use in the classroom, and would draw our learners attention
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes it will, especially the practicals
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   I would appreciate it if we could have another workshop like this one.

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TABSA EVALUATION FORM

District: THABO MOFUTSANYANA **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Electrostatics
   ~~Store~~ Electric circuits
   Vectors
   Stuichiometry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics
   -I have learnt how much ~~eas~~ easier it can be for learners to understand electrostatics practically.
3. How will this workshop improve your teaching practices?
   - It will improve my teaching practices in a way that my learners will be able to understand when I do the topic practically by demonstrating in class
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   - Electric circuits for grade 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   -Yes, they were fully prepared
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   - Yes, but only when I make extra classes.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   -It will help me to improve my learners performance because it becomes much easier for them if you demonstrate something rather than doing it theoretically
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   I think one week is not enough for the TABSA workshop, they should extend to two weeks

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TABSA EVALUATION FORM

District: Thabo Mofutsanyana **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Vectors; Electrostatics
   Acids + Bases
   Stoichiometry
   Organic Chemistry.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids + Bases;
   Identifying if a substance is either acidic or alkaline just by an observation of a colour change.
   FASCINATING!!!
3. How will this workshop improve your teaching practices?
   - I will be more practical in my classroom setup,
   perform a number of practicals to make learners understand scientific concepts
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   - Electrodynamics > Grade 12
   - Magnetism > Grade 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   - Fully prepared, organised, and able to allow discussions amongst ourselves in order to get rid of some of our misconceptions.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   - Yes, most of the apparatus we used are not really expensive and some are trash (e.g. bottles, to make leakers)
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Probably my weak learners in Grade 12 will somehow benefit. There are some fun rhymes learned when teaching Organic chemistry
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   TABSA Rocks !!!

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TABSA EVALUATION FORM

District: Fezile Dabi **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Acids and Bases
   organic chemistry
   Electrostatics and electric circuits
   Newton's laws, WEP
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   I can't ~~say~~ choose.
   All the tutors encouraged concept-mapping so I too will be emphasising its importance and applying it.
3. How will this workshop improve your teaching practices?
   - It will make my lessons more practical and interesting for learners ~~because~~
   - I will use discovery/enquiry more often to encourage critical thinking and reasoning skills
4. In which topic(s) will you require to be get more content training and for which grade(s)?
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes and no. Yes because they were able to tell us what to look out for and answered our questions well.
   no because for teachers that aren't teaching all grades, we couldn't always figure out how we can ~~[illegible]~~ content in class (which grade/topic)
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes.
   - Use concept mapping more regularly.
   - Do practicals and allow learners to have fun (play and learn).
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   no
   Most of the content we dealt with at the workshop was taught already so doing these activities will not be beneficial for this year, but next year definitely.
8. Would you want to have more TABSA workshops in future?
   ~~Yes~~ No
9. Any other comments:
   It would be very nice if we could also be granted an opportunity to visit their schools to see how they do it practically in class. (Exchange teacher programme)

TABSA EVALUATION FORM

District: FEZILE DABI **Subject:** P/SCIENCES

1. Which topics did you do in this five day workshop?
   - STOICHIOMETRY, Circuits
   - VECTORS & SCALAR.
   - NEWTON'S, WORK, ENERGY.
   - ORGANIC CHEMISTRY, ACIDS & BASES.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   - ACIDS AND BASES, THE practical part is more fascinating and makes the topic more easier for learners.
   - Newton's laws → Were able to do some demonstrations for learners.
3. How will this workshop improve your teaching practices?
   The workshop is going to make my life of teaching much more easier and develop the intellectual understanding of learners. It also equips me to help learners with difficulties.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Grade 12 - momentum and Vertical projectile.
   - Grade 11 - Vectors.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Oh yes!!! They were conducting their classes very well, I couldn't miss more. Well prepared presenters.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, really makes my life more easier. At least it helped me to understand the practical part of the content.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes - Will use the strategies learnt here to summerise the content learnt learners this year.
8. Would you want to have more TABSA workshops in future?
   ~~Yes~~ No
9. Any other comments:
   We should base more on content.

TABSA EVALUATION FORM

District: XHARIEP **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   ELECTROLYSIS
   CONDUCTIVITY
   PHYSICAL & CHEMICAL CHANGE
   DISTILLATION
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   ALL OF THEM WERE INTERESTING. THE DEMONSTRATOR MADE IT INTERESTING. EXPERIMENT WITH ALL OF THEM.
3. How will this workshop improve your teaching practices?
   I LEARNT THAT WE CAN USE DISPOSABLES OR LITTERED MATERIALS TO MAKE EXPERIMENT AND THIS MADE SCIENCE MORE INTERESTING.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   I FILL THAT I AM NOW MORE SATURATED WITH CONTENT. THIS WORKSHOP FILLED THE GAP.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   THEY WERE EXCELLENT. I GIVE VERONICA AND PROF. RICE 100% IN PREPARATION AND CONTENT PLUS LOVE OF SCIENCE
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   YES. I CAN'T WAIT TO BE BACK IN THE LAB.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   WHAT I HAVE AQUIRED WITH MAKE THEM DEVELOP THE LOVE FOR SCIENCE AND TO HAVE BETTER UNDERSTANDING.
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   I WISH WE CAN HAVE ANOTHER WORKSHOP ON GRADE 11 CONTENT AND GRADE 12 CONTENT ONLY.

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TABSA EVALUATION FORM

District: Thabo Mofutsanyana **Subject:** PHYSICS

1. Which topics did you do in this five day workshop?
   Acids and Bases
   Electrostatics
   Organic Chemistry
   Vectors
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   - Acid and Bases - the practicals that we did were very educational and Simple to demonstrate
   - organic chemistry - we made organic molecule using simple materials like sweets and this will be easy to demonstrate to the learners.
3. How will this workshop improve your teaching practices?
   I have learnt that in order for my learners to understand the topic, I need to do more practicals, thus exposes them to real life situation or uses/application
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Vectors grade 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were very much prepared, they explained their presentations very well. They asked questions and we also asked as question every thing was clear.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes. The workshop taught us to use very cheap material and recycle, e.g. the most material used were recycled. It will be easy for me to apply these strategies and styles I have learnt
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes. The practicals and theory we learned will be much of a help. I will do practicals to improve their understanding
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   TABSA has really helped me.

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TABSA EVALUATION FORM

District: LEJWELEPUTSWA **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   1. Vectors & Scalars
   2. Acid & Base
   3. Organic Chemistry
   4. Electrostatic & Circuits
   5. Newton's law of motion
   6. Stoichometry
   7.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   1. Stoichometry
   2. Organic Chemistry
   3. Electric circuits
3. How will this workshop improve your teaching practices?
   It will help me when it comes to practical work and using recycled objects for apparatus.
   It will help again with content plan d.c
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   1. Electrodynamic (Grd 11)
   2. Stoichometry (Grd 10 & 11)
   3. Organic Chemistry
   4. Newton's law of motion
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were prepared but in some aspects
   ~~the~~ I didn't get answers in some questions or problems we did in class
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   No, due to the class-size I think I will not be able to finish the content if I concetrate on more practicals. And the time allotated for a period will not be enough
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   I think so, I think if the learner struggled to understand the content maybe you will use practicals to enable them to get the content
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   They should intergrate the theory and the practical in class, they must teach us the content and then do practicals. They should even extend the days of the worksha

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TABSA EVALUATION FORM

District: Fezile Dabi **Subject:** Physical science

1. Which topics did you do in this five day workshop?
   - Vectors
   - rates of reaction
   - energy
   - acids and bases
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   acids and bases → Making my own cabbage juice indicator
   rates of reactions → simple methods used
   electrolysis →
   separating a mixture → using simple apparatus for this
3. How will this workshop improve your teaching practices?
   Yes. Sometimes I did not perform experiments for other topics due to lack of apparatus, now I know how to make my own apparatus using recyclable material
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Grade 10 mechanics in general
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Very prepared
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, I learned their methods and it is easy and interesting methods
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   definatelly
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   Yes
   Thanks very much for the wonderful experience

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TABSA EVALUATION FORM

District: MATHEO **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   - Vectors
   - Organic Chemestry
   - Magnetism, Electrostatic and Electric Circuit
   - Chemical Change, Acids and base
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   All of them were very interesting because we were doing practical the easiers way than we do in our classes.
3. How will this workshop improve your teaching practices?
   By doing Experiment with learners using home apparatus if we dont have in the laboratory
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Sound, waves and Light GRADE 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes, Our teacher were very excellent in what they were doing. I gained alot
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, I have learned the easiest method of teaching my learners. I will apply them to school.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, It will help them alot.
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   They are very good in what they do, they know their stuff but time was very limited

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TABSA EVALUATION FORM

District: Motheo Subject: Physci

1. Which topics did you do in this five day workshop?
   Forces
   Stoichiometry and Preparation and test for gases of a yield
   Organic Reactions
   Acids and bases Concept-mapping
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Forces
   Making a spring balance with locally available materials (home-made spring/elastic balance and using it.)
3. How will this workshop improve your teaching practices?
   Out of locally available materials (from slags) I can be able to supplement if I have a shortage of chemicals at school
4. In which topic(s) will you require to be get more content training and for which grade(s)?
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Very fully prepared
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not. Yep. Materials are locally available and none are "junk" that is to be thrown away and yet we find use for it
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   YES, Experiments can be done to re-enforce content learned and will create interest and improve confidence which is what learners need to push harder.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments: Presenters were friendly and caring. They involved all of us and the gave support where necessary

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TABSA EVALUATION FORM

District: THABO MOFUTSANYANE **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   ELECTROSTATIC / Electric Circuits
   ACIDS AND BASE
   NEWTON'S LAWS
   ORGANIC CHEMISTRY / Pendulum
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids and bases
   I have learned that electricity can be generated by small things that we use for our house hold every day
3. How will this workshop improve your teaching practices?
   It will help me a lot as it will make learners to be more interested in physical Science
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Newtons Laws
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes I think it was really well prepared
   The facilitator knew what they were doing
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes I will be able to do that I will start by asking learner to do a mind mapping And I can see what they know and then I and I will take it from there
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   They will really do as they will remember what they did practically and they will be able to remember that in the exam
8. Would you want to have more TABSA workshops in future?
   [Yes] No
9. Any other comments:

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TABSA EVALUATION FORM

District: Thabo Mofutsanyane **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatics and electric circuit
   Acids and Bases and
   Newtons law and magnetism
   Organic chemistry and Pendulum
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids and base was more interesting ever, what I learn
   actualy was impressive we used simple material from home
   household acids rather than going to use lab
3. How will this workshop improve your teaching practices?
   It helps alot because now i can conduct my own
   practicals with not fancy things and like teaching
   science
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Quantative → grade 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were fully prepared and able to show us
   everything
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If ~~Yes~~ or No, how and why not.
   I can be able apply strategies and styles
   in my classroom, teaching and assessing by applying
   practical things
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes this will improve my learners interest in the
   subject and improve performance. Practical and Calculations
8. Would you want to have more TABSA workshops in future?
   ~~Yes~~ No
9. Any other comments:
   Was really interesting sometime they must invites
   to USA for this kinds of workshop. It creates
   alot of interest in teaching Real subject love of
   being a teacher.

TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   Electrostatics, concept mapping, Electricity, Magnetism, Chemical change, Acid and Base, Organic chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acid-Base → Conductivity and accurate measuring skill. Newtons law → Formation of table, filling it as well as doing the car models, Electricity: Comparing cells and brightness
3. How will this workshop improve your teaching practices?
   By approaching most topic using some practicals and demonstration.
   - Also to bring reality of Science in class.
   - Promotes learner interest in the subject.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electricity, work energy power, Chemical equilibrium also vectors (in depth),
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   YES, presented excellently.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   YES
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   YES, lot of extra classes to be conducted in order to do lot of practicals at a relaxed time.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   FOR OTHER APPROACHES IN OTHER TOPICS

THANK YOU! ☺

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TABSA EVALUATION FORM

District: Thaba Mafutsanyana **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Acids and Bases
   Organic Chemistry
   Stoichiometry
   Forces
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids and Bases. I have learnt the different ways of testing for acids and bases using red Cabbage as a natural indicator
3. How will this workshop improve your teaching practices?
   It will help me to arose interest of learners in Science by doing practical works with cheap recycleable materials
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Stoichiometry grade 11 and Work, Energy and Power grade 12.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Very much so
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes and No. Yes because it will make my lessons very interesting and accomodate different learning style. No because at time some of those activities are time consuming.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Not really since well the workshop was more about practicals than content
8. Would you want to have more TABSA workshops in future?
   Yes ~~No~~
9. Any other comments:
   The catering should improve so as to save time. And the food must cater for special diets such as vegeterians.

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TABSA EVALUATION FORM

District: FEZILE-DABI **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   VECTORS AND SCALARS
   NEWTON'S LAWS, ELECTRICITY, ELECTROSTATICS
   ACIDS and BASES, ELETRIC CIRCUITS
   ORGANIC CHEMISTRY, STOICHIOMETRY
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   ACID and BASES
   • when we tested the ions whether we have (+ve) or (-ve) ions,
   Counting between Fe_2SO_4 and $Fe_2(SO_4)_3$ in terms of their mass using stoichiometry
3. How will this workshop improve your teaching practices?
   The workshop should be based on more of the content and methodologies to teach and make learners understand in a full lot.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   ~~Grade~~ Grade 11 Stoichiometry, and Acid and bases.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes they always come to class prepared and even on their lessons the practical were in-order.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes making experiments just from Raw materials not relying too much on laboratories materials.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes I will give my learners a study plan where they will be using the concept map to make summary and analyse their notes
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   More content than experiments must be conducted.

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TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Magnetism & Electricity
   Acid & Base, Chemical Days
   Vectors
   Organic Chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acid and Base, how do I make Natural Indicator
   Re Determining the Value of Gravitational acceleration using Pendulum method
3. How will this workshop improve your teaching practices?
   learners learn best when doing practicals, so I will include Practical experiments in most of my topics, so that learners can see, feel, hear and smell
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   ~~Electricity~~ Electromagnetism grade 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Well prepared and know their Content, Very Impressed
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes start to introducing the idea of Concept Map
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   The use of Concept Map, when learners use it to share information, link Information and prepared their study notes
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   Workshop is different from other Content training workshop, Very Informative, Developing Practical Skills and sharing of knowledge

TABSA EVALUATION FORM

District: Motheo **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatics, electrodynamics, Organic chemistry
   Electricity, magnetism
   Acid-base reactions electrochemistry
   Mechanics Work-energy theorem
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   I found all topics very interesting I have learned a lot!
   I have learned to apply my theoretical knowlage more in practical ways using minimal equipment, I have learned how to use every day materials to make lab equipment
3. How will this workshop improve your teaching practices?
   yes definitly. I have better understanding of material in my every day use and how to use them in a science class.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   yes, the presenters were excellent, fully prepared and willing to help with anything! The presenters know their stuff
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   yes, the concept maps will not only help me to teach but my learners how to learn
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes, their understanding will improve when I show more practical strategies.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   Thank you for the great and wonderfull learning experience

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TABSA EVALUATION FORM

District: Motheo **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   - Electrostatic & Electricity : work energy and power
   - Acid and Base
   - Organic chemistry
   - Vectors

2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Vectors and electrostatic and electricity - the interesting part was the collection of data using our own apparatus that we designed through cabbage or used up products.

3. How will this workshop improve your teaching practices?
   The methodology and the application used in this workshop is very simple you dont need expensive material in order to do the practical

4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electric motors and electric generator and Magnetism grade 10, 11 & 12

5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were excellent on point in to details supplied every topic and very organized and they time management was excellent.

6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes in time permit but the challenge will be number of learners and the time allocation

7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes because ~~they will~~ it will make learners visualize the theory and have a better understanding of the topics

8. Would you want to have more TABSA workshops in future?
   Yes ✓
   No

9. Any other comments:
   It was mind opening and very deep on content

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TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Acid & bases
   Matter
   electrodynamics
   electricity and work energy and power
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Matters are I clearly understood where the diagram I always see in the question paper came from
3. How will this workshop improve your teaching practices?
   I will now be able to make the learners understand the theory I always teach
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Motion, electrodynamics and electrochemistry
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   I would be lying if I say they were not prepared they were well prepared
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes I can because this is for better understanding of the learners
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes because I can involve learners actively and better their understanding
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   because there are other areas that still need practicals like the ones we did during this week

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TABSA EVALUATION FORM

District: LEJWELEPUTSWA **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   - ORganic Chemistry Reactions
   - Electrostatics → electric circuits
   - acid & base
   - Vectors
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics → the practicals were amazing they can easily be done by anything in the kitchen.
3. How will this workshop improve your teaching practices?
   -It will have a positive impact as far as the demonstrations and practicals are concern.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   NO to pic(S)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were 100% prepared and always ready to explain as far as they can
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes by applying the demonstrations on each to plc so that the learners can be related to them
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes through strategies on approach of Question and the deeper understanding with demonstrations
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   It has changed my view about the subject.

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TABSA EVALUATION FORM

District: LETWELEPUTSWA **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   ACIDS & BASES ~~ENERGY~~ ORGANIC CHEMISTRY
   ELECTRICITY & MAGNETISM
   VECTOR & SCALARS
   MOMENTUM
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   ELECTRICITY & MAGNETISM → When doing parallel and series circuits, I had no idea that if two batteries are combined with the same polarity and the another third one connected in an opposite polarity, the light bulb will still glow but be dim.
3. How will this workshop improve your teaching practices?
   It has helped me to come up with simpler ways to introduce topics to learners & to make them more fun and interesting. Learners tend to loose interest in difficult topics easily.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   STOICHIOMETRIC CALCULATIONS → GR 10
   ELECTROCHEMISTRY → GR 12.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes. Everyday, all day, always.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes. By conducting the practicals with my learners.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes. I now know which topics to focus on when doing revision.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   Please send South African teachers to the USA to get more training. This workshop was great and helped a lot. It will be a great opportunity and experience to work and stay in a different environment.

TABSA EVALUATION FORM

District: Lejweleputswa **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatics
   Organic Chemistry
   Work-energy theorem
   Concept mapping
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics, I learned a lot of practical experiments
3. How will this workshop improve your teaching practices?
   By demonstrating the experiments I learned to the learners.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Geometric optics grade 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were prepared and explained things properly and interesting, I enjoyed.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, by demonstrating the practical experiments to learners.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes im going to teach them the skills i learned.
8. Would you want to have more TABSA workshops in future?
   Yes
   No
9. Any other comments:
   I would like to attend TABSA at USA atleast once.

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TABSA EVALUATION FORM

District: Motheo **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Work energy and power
   Magnetism ~~and Simple~~
   Electrostatics
   Electric circuits and vectors
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Work energy and power, what exactly I did learnt about this topic, is that, I build my own model (Car) and I discovered so many things by myself and also good explaination I got from my fellow colleagues.
3. How will this workshop improve your teaching practices?
   This workshop will improve my teaching practices, because I noticed that when you combine the theory and practicals (Experiments) learners will have a better understanding of a particular topic.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Magnetism, and Electric circuits for grade 11 and 12 (Internal resistor)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   The present were fully prepared, because everything we did in class was fully understood by my fellow Colleague and I
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, because most of the materials we used is accessable and easy to used it
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes will improve learners performers, because learners will be fully involved and discovery thing by them selves.
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   Yes, So that my teaching Strategies can be improve every to year

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TABSA EVALUATION FORM

District: Motheo District **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Electrostatics, Vectors, Chemistry
   Electric Circuits, Electrodynamics
   work-energy theorem
   magnetism
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics, I learned that Electricity is static but it can bring about motion because of charges and I also learned different experiments for electrostatics which I did not know before, really interesting and fantastic
3. How will this workshop improve your teaching practices?
   Know that different learners having different learning capacities and the techniques I learned like "concept mapping" and the experiments will definately increase or rather improve my teaching methods
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electrodynamics grade 12 especially teaching method and Calculations
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes they were prepared and were fantastic in presenting the content.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   yes by engaging learners to participate and gather different apparatus for experiments.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes because they will know how to visualise the information and select most important information as I will be applying "concept mapping" strategy to teach the last topics of grade 12
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   Most of the topics were part of grade 10 and 11
   In future we should have more workshops for grade 12 Syllabus only. (TABSA)

TABSA EVALUATION FORM

District: KETSOELENTSWA **Subject:** PHYSICAL - SCIENCE

1. Which topics did you do in this five day workshop?
   Electrostatic, magnetism, electricity
   Acid & base/organic chemistry
   Mindc (concept mapping) organic acid & base.
   work, Energy and power, Newtons laws of motions
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   In all topic concept mapping was introducing the topic and different group will write all facts that they know about the topic we handled and experimented all the topic it was not done theoretically
3. How will this workshop improve your teaching practices?
   Doing experiment does not necessarily requires material for the strep.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Faradays law'
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They all presented excellently
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, be more theory but more of practical
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, the more they experience the more they learn
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   I benefited a lot keep up the good work
   GOD BLESS YOU'

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TABSA EVALUATION FORM

District: Thabo Mafutsanyane **Subject:** Physics

1. Which topics did you do in this five day workshop?
   1. Motion
   2. Chemical Reactions
   3. Organic chemistry 4. Electrodynamics
   4. Electricity 5. Electrostatics
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics. The demonstration of moving the cans with balloon was a very great tool to teach the learners even for mentors. Law of Gravitational acceleration
3. How will this workshop improve your teaching practices?
   I can be able to do practicals with learners instead of a lot theory. learners need some demestrations so to show them this things in reality will make them understand the content more
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electrodynamics grade 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   yes the presenters were fully prepared and the explained everything to us that will help us to improve our teaching,
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes - Saturdays I can do the practicals with the learners so as to not disturb the work schedule
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes I can use the strategies to push the weak learners because some learners understand thing when they see them
8. Would you want to have more TABSA workshops in future?
   Yes / No
9. Any other comments:
   no

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TABSA EVALUATION FORM

District: Motheo **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Work, Energy, Power, Organic Chem. Gravity, Concept Map, Solution, Redox Reaction.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Bonding on Organic Chem. Making a car, as model to various the speed of the trolley (car) work energy theory.
3. How will this workshop improve your teaching practices?
   Improve a lot. Specially being practically I know now how to make use of everyday substance to do apparatus and not rely only for the school to buy it
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   GR. 10-12, Projectile Motion.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   YES, I'm gonna start on monday.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   YES By doing more Practical work. NOT depending on school to buy the apparatus.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   I thank the DEPT for organizing this kind of workshop. Please do it again atleast one a year.

TABSA EVALUATION FORM

District: Lejweleputswa **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electric Circuits Addition of vectors
   Work Energy theorem Chemical change.
   Electro Statics
   Organic Chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical Change, Electro Statics, the Method how the Experiments were conducted using Recycled Material as your apparatus.
3. How will this workshop improve your teaching practices?
   Not having apparatus and Science lab won't be a problem anymore, because i will use recycled Material to Conduct my experiments.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Stoichemistry Grade 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were 100% prepared all the time and gave us some lessons
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, already Explained in part 3.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, because I will be learning more about the Subject
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:

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TABSA EVALUATION FORM

District: Thabo Mofutsanyana **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatics - Electricity Concept Maps
   Chemical Reactions
   Mechanics
   Organic Chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical Reactions and Mechanics - In Chemical reactions the collection of Hydrogen gas through the use of balloon when aluminium was reacting with HCl. In Mechanics - Designing racing cars and record data to determine velocity, time, etc
3. How will this workshop improve your teaching practices?
   This workshop has a lot of practicals and we use daily materials that are used at home.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   In Grade 12.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes, they were fully prepared.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, I will add them to my everyday lesson plan.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, the practical will assist them a lot.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:

TABSA EVALUATION FORM

District: Lejweleputswa **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electric Circuit
   Electrostatics
   Work energy & Power (Theorem)
   Electrodynamics
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrodynamics:- He learned that if one connect ion nail with the battery the ion becomes electromagnet
3. How will this workshop improve your teaching practices?
   - By clearifying all the uncertainities I had.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   - Electric Circuits & Stoichiometry (Grade 10)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   - Very much prepared. (Phenomenal)
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   - Yes, By improvising, because almost all the experiments conducted ~~was~~ were by we used cost effective apparatus
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   - Yes. These are some strategies I learned for which I am prepared to execute to my learners.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   I liked the way facilitators (Presenters) seemed practical investigations, & they were simple and useful tools to be utilise.

TABSA EVALUATION FORM

District: Fezile Dabi **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Electrostatics
   Stoichiometry
   Electric Circuits

2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatics. It was exciting to learn how easy we can start the charge of different materials & how this can be done using almost home made appliances

3. How will this workshop improve your teaching practices?
   This will help me to introduce topics in a new fun way for learners practically which will bring clear understanding to Learners

4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Acids & bases & Electricity grade 12

5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes they were fully prepared & I learned alot from their practicals

6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, they presented a very simple way on how to break content down practically

7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes receiving knowledge from the workshop will help me to content more visible & clear using simple demonstrations

8. Would you want to have more TABSA workshops in future?
   (Yes) No

9. Any other comments:
   Next year around this time, may the department provide such a workshop

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TABSA EVALUATION FORM

District: Thabo Mofutsanyane **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatic
   Electric Circuit
   Work and Energy
   Magnetism
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrostatic
   * Electroscopic Model
3. How will this workshop improve your teaching practices?
   Improve in my practical task, since we can use recycle materials in order to perform experiment.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Yes., Grade 10, 11, 12
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   All presenters were fully prepared and able to explain their presentations well
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes I would be able to apply, ~~Planning~~ If I plan in time and also increasing my working hours,
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, If I do all the most practicals that we did like Electroscopic model
8. Would you want to have more TABSA workshops in future?
   ~~Yes~~ ✗ No
9. Any other comments:
   It would be much better if all Physical Sciences teacher attend TABSA workshops in future.

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TABSA EVALUATION FORM

District: Xhariep **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   Electricity and mechanics
   Organic Chemistry
   Concept mapping
   Chemical Reaction
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical reactions, because it opened my eyes as to show learners how to test for conductivity of substances or solutions
3. How will this workshop improve your teaching practices?
   By improvising as a science teacher, meaning when there are no apparatus to use I can use the materials that are always thrown away and use them in a science lab
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electricity for fet phase in physical sciences.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes especially Rick, Bob and Veronica. You could see how passionate they are about science and how much they would love to assist us.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, I will try to involve my learners more in teaching in the experiments for themselves and make their own observations
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes. I will make them to do the experiments.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   I wish they could come more and teach one aspect every month

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TABSA EVALUATION FORM

District: TMED **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electricity ..... Concept maps
   Chemical reactions .....
   Mechanics .....
   Organic chemistry .....
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   All of them topics. Electricity we built electroscope .....
   Chemical reactions → Types of reactions and collected gases .....
   Mechanics → We built vectors, Newtons Scales, built cars and drew graphs
   Organic chemistry → We did IUPAC names and did polymers .....
3. How will this workshop improve your teaching practices?
   Do more chemical practicals with what we have .....
   Introduce concept maps to start or end topics .....
   .....
   .....
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   .....
   .....
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Very well prepared and also willing to .....
   learn from others .....
   .....
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes More practical work & more activities .....
   .....
   .....
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes it will help bring understanding analysis .....
   .....
   .....
8. Would you want to have more TABSA workshops in future?
   ~~Yes~~ Yes
   No
9. Any other comments:
   Keep doing this and help all the .....
   teachers .....

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TABSA EVALUATION FORM

District: [redacted] MOTHEO Subject: PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   ELECTROSTATICS
   ELECTRIC CIRCUIT
   ELECTRODYNAMICS
   ORGANIC CHEMISTRY ETC.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   • ELECTRODYNAMICS , MAKING OF MOTOR.
   • CHEMICAL REACTIONS - THE WAY THE MOLECULES WERE MADE.
   • ORGANIC CHEMISTRY - HOW THE MONOMERS WERE BUILT USING
3. How will this workshop improve your teaching practices?
   MORE PRACTICAL WORK WITH OR USING LOCALLY AVAILABLE MATERIAL. SAVING TIME.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   ELECTRODYNAMICS GRADE(S)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   VERY MUCH PREPARED.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   YES MOST OF THE ACTIVITIES WILL BE PERFORMED IN GROUPS WHICH WILL ALSO HELP IN REVISING OF SOME THE CONCEPTS.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   CONCEPTS MADE CAN REALLY HELP LEARNERS IN REVISING.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   ACCOMODATION WAS NOT COMFORTABLE, IT WAS EVEN COLD
   THERE SHOULD BE CHANGE OF ACCOMODATION.

TABSA EVALUATION FORM

District: MEJWELEPUTSWA **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Electricity
   Concept mapping
   Electrodynamics
   Organic Chemistry
   R Vectors
   Chemical Reactions
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical reactions- Observing Colour changes, produc
   of electricity ~~wit~~ through ionic solution
   * Vectors- making my own Spring balance with minimum
   resources.
3. How will this workshop improve your teaching practices?
   The methodology presented - the use of simple/available/less
   expensive materials to do practicals.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electricity - Electric Circuits.
   Grade 11 & 12.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   YES 100 %
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes - It makes teaching and learning more
   interesting and easy to be understandable.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes - by implementing the strategies well
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   Thanks for your willingness

TABSA EVALUATION FORM

District: LEJWELEPUTSWA **Subject:** PHYSICAL SCIENCES.

1. Which topics did you do in this five day workshop?
   ORGANIC CHEMISTRY
   ACID & BASES
   ELECTRIC CIRCUITS
   ELECTROSTATICS
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acid & Bases, I have learnt that I can use Cabbage Indicator to test for acidic & Basic Substances
3. How will this workshop improve your teaching practices?
   It has taught a way that I can improvise and use my learners to be less difficult but interesting using materials around us
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electrodynamics Grade 12
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Indeed, they really know what they are doing
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Definitely
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:

TABSA EVALUATION FORM

District: Matheo **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Organic Chemistry, Redox, Motors and generators
   Concept mapping, Electric circuit
   Bonding, Work Energy Power, Electromagnetism.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Organic Chemistry - Bonding - Work Energy Power.
3. How will this workshop improve your teaching practices?
   I have to think out of the box. Leave the textbook and use enrichment activities that Veronica and Rick did.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Motors and generators.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes but, the Concept Map exercise did not sit well with me when Carol said we can use it for summative assessment
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes I need to prepare thoroughly for my lessons without relying too much on the text book
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes I am an innovative, creative, motivated educator because of this workshop
8. Would you want to have more TABSA workshops in future?
   Yes ~~No~~
9. Any other comments
   Veronica + Rick did a wonderful job please send them again

Thank you very much FSDOE for organising such a wonderful workshop.

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TABSA EVALUATION FORM

District: TMED **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   - Electrostatics - electrical circuits
   - Acids and base - motors
   - Organic Chemistry - work, energy theorem
   - Magnetism
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Organic chemistry ; acids and base, magnetism ~~the~~ were very interesting, coming to organic chemistry the topic was so interesting because learners at some points do not understand the homologous series as well as functional groups, there was a song where by learners learned the naming of the hydrocarbons
3. How will this workshop improve your teaching practices?
   - As a young teacher this workshop improved the skills that the teacher can ~~have~~ use to give the learners inform using the Practical work ~~by~~ from simple things
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   - Acids and base (12) - magnetism
   - reactions (12)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   - They were well prepared, I really enjoyed the workshop
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, this will help learners to be more interested to the subject and when the learner enjoy the class I think even the performance will be so excellent
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, being more Practical on the theories I was were telling the learners
8. Would you want to have more TABSA workshops in future?
   Yes ✓ No
9. Any other comments:
   - The workshop was Fantastic

TABSA EVALUATION FORM

District: Motheo **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Organic Chemistry
   Electric Circuits
   Work and Energy Theorem
   Chemical Reactions
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Organic chemistry, I learned how polymers are made
3. How will this workshop improve your teaching practices?
   This workshop will enable me to involve my learners hands on when performing experiments
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electric Circuits Grade 12
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   The presenters were fully prepared and outstanding (& marvelous)
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, I will be able to apply the workshop strategies in my classroom. For example I can show my learners that you can use a simple cardbox, brass, paper clips to make a switch
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, I will perform practicals with them
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:

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TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Solutions, Work Energy & Power, Acid & Bases, Stoichiometry, Magnetism, electrostatic, electric Circuits

2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Stoichiometry (All topics)
   Finding which ion metal is used in solution i.e Fe^{2+}, Fe^{3+}
   Finding more about How motor works (Electrodynamics)

3. How will this workshop improve your teaching practices?
   Practical part in Class will improve & The great idea of making simple apparatus

4. In which topic(s) will you require to be get more content training and for which grade(s)?
   5 Yes: Presenters wel fully Prepared
   4 Each minutes was useful: They meant to empower people

5. Do you think the presenters were fully prepared and able to explain their presentations well?
   light; sound waves; optical phenomena
   Gr 10 & 11

6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes: Before lesson Can begin practical Demonstration will be done.

7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes
   TECHNIGUE LEARNED FROM PRACTICAL WILL BE USED FOR THEORY IN EXAM.

8. Would you want to have more TABSA workshops in future?
   Yes ✗ No

9. Any other comments:
   Presenters have shown that we can use simple apparatus to make science useful. THEY LOVE WHAT THEY WERE DOING AND THEY LIVE IT. THROUGH PRACTICAL LEARNERS CAN UNDERSTAND BETTER.

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TABSA EVALUATION FORM

District: TMED **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Organic chemistry, Electrostatic
   Electrostatics, Stoichiometry
   Acid & base, motion
   Energy, magnetism
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acid and base, I learnet that there are so many materials that we use in our daily lives that can be utilized as lab apparantus and we dont need to buy expensive chemicals while we can use what we
3. How will this workshop improve your teaching practices?
   Yes it even though it will require lot of time but it will definately help
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electrostatic, grade 10
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes they were always prepared for the lessons
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes but the strategy will require a lot of time of which we dont have cause it we are approaching exam times.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, I will do the experiment were did here and they will understand the concept very well.
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   The workshop was great and i wish this could be done more often with subjects like life Sciences as well.

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TABSA EVALUATION FORM

District: Thabo Mofutsanyana **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Acids & Base, Chemical reaction
   Work, energy, Power, forces, vectors
   Electrochemistry, Electrostatics, electricity and magnetism
   Stoichiometry, Bonding, Covalent
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrolysis. Use of simple apparatus to electrolyse a solution also use of simple apparatus used to demonstrate that ionic substances conduct electricity on molten form
3. How will this workshop improve your teaching practices?
   It will improve my laboratory skills which will make learners love science eventually.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Work, energy, Power Grade 12
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   I think they were really prepared because they were through in teaching we always learn
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes. During my laboratory session especially Grade 10 and 11
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   It will improve Grade 12 learners on what we already have, in addition to TABSA FOR GRADE 10 It will do a wonderful Job
8. Would you want to have more TABSA workshops in future?
   Yes ✓ No
9. Any other comments:
   N/A

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TABSA EVALUATION FORM

District: THABO MOFUTSANYANE **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Electrostatics
   Organic molecules
   P.E pendulum.
   Forces.
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical reactions - Producing hydrogen and
3. How will this workshop improve your teaching practices?
   More practicals that will interest learners and make them love science.
   Investigating its reaction with a flame.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Electric circuits.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Absolutely
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes - Do more experiments and verify products produced in chemical reaction
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes - In circuits and also in organic chemistry
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   Presenters should keep coming for workshops of this type.

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TABSA EVALUATION FORM

District: Lejweleputswa **Subject:** Physical Sciences

1. Which topics did you do in this five day workshop?
   Organic Chemistry
   Electricity : Electrolytic
   Chemical reaction
   Acids and bases, Resultant
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Chemical Change. learned that you can use simple chemicals that are easily available at home or Super market
3. How will this workshop improve your teaching practices?
   More practical lessons will be conducted with learners
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Organic Chemistry
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   More that prepared they have everything in their finger tips
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes. Conducting practical will be more interesting to learners
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes especially for practical exam
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   This was a fruit full work shop we were exposed to Hupractise to do practical

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TABSA EVALUATION FORM

District: Lejweleputswa **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   * Organic chemistry * Acid and Bases
   * Electrodynamics * Chemical change
   * Electric circuits * Vectors
   * Electrostatics
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   * Acids and Bases - I learned that you can use the red cabbage to make an indicator
   * Vectors - making a spring balance
3. How will this workshop improve your teaching practices?
   * It will help alot especially in improvising. Since there aren't enough materials.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   * Electric circuits and acids, bases
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were exceptionally prepared
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, by engaging in more practical investigation in explaining the content, and practically make concept mapping for summarising
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes it will, in a way that the learned things will be applied
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   The workshop was insightful as teachers were engaging with one another and information was exchanged

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TABSA EVALUATION FORM

District: Xhariep **Subject:** Physics

1. Which topics did you do in this five day workshop?
   * Acids & bases * organic chem
   * electrostatic
   * stoichiometry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   acid & bases. enjoyed the simpler way of indicators
3. How will this workshop improve your teaching practices?
   I have gained more knowledge on content
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   N/A
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes, excellent
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, because all resources are easily accessible
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes, the workshop strengthened my knowledge of the content
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   The workshop was highly informative and engaging. It was a stem free environment enjoyable learning.

TABSA EVALUATION FORM

District: MOTHEO **Subject:** PHYSICAL SCIENCE

1. Which topics did you do in this five day workshop?
   Electrostatics
   Electric Circuit
   Stanchiometry
   Organic Chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   I found all of the above topics interesting reason being I learned that it is very vital & easy to demonstrate via experiment a topic before you teach it theory.
3. How will this workshop improve your teaching practices?
   I believe it is going to improve it in a way that now I know better instead of giving the learners lots of theory, I better show the them and allow them to be hands on
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   stanchiometry (GRADE 12)
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   yes
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   yes
   I will be able to apply it strategies and style in a way that allows the learners to do, observe & write
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   yes
   learners remember more when they see, and they focus more in what they see, instead of what is being told to them(
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   THANK YOU TABSA TEAM!

TABSA EVALUATION FORM

District: Fezile Dabi **Subject:** P. Science

1. Which topics did you do in this five day workshop?
   Electrostatics, Electrodynamics
   Electricity
   Acid and Base
   Magnetism
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Electrodynamics, I have learned how to build a simple motors for demostrating the conversional current
3. How will this workshop improve your teaching practices?
   By using different method when presenting lesson especially when it comes to practical in a physical Science class ~~fo~~ to involve the learners for interest in the subjects.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Vertical Projectile grade 12, Electrochemical cells grade 12. Work energy & Power gr. 12 - Waves, Sound & light gr. 12 Geometrics Optics gr. 11
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Yes, all the times
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes, when starting a topic let learner brainstorm their knowledge of the previous lesson in connect with and by doing the demostration
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   average analysis will help me; By showing them the strategy of studying
8. Would you want to have more TABSA workshops in future?
   (Yes) No
9. Any other comments:
   The workshop was resourtful and more interesting and highlight some concept that was not clear

TABSA EVALUATION FORM

District: LEJWELEPUTSWA **Subject:** PHYSICAL SCIENCES

1. Which topics did you do in this five day workshop?
   VECTORS
   ACIDS AND BASES
   STOICHIOMETRY
   ORGANIC CHEMISTRY
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids and Bases
   It made it easier to differentiate between Acids & base
   Vectors: The practical was simply done
3. How will this workshop improve your teaching practices?
   It simplified things as easy material was used which are easily accessable, And easy to work with them with learners
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Magnetism Grade 11 and Electrodynamics grade 12
   Work, Energy and Power
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   Very Prepared and organised
6. Will you be able to apply the workshop teaching strategies and styles in you classroom? If Yes or No, how and why not.
   Yes as they Improve Understanding of the content and practicalise things which will be easy for learners to see
   - By doing practicals with them for the topic at hand in order to emphasise more on what is in the content
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes, Will use material given as revision and Since important concepts were touched which improved my knowledge it will be easier for me to now pass clear knowledge for P learners
8. Would you want to have more TABSA workshops in future?
   Yes No
9. Any other comments:
   The duration for the workshop may be extended as more is still needed since teaches are together sharing ideas for learner attainment and performance improvement

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TABSA EVALUATION FORM

District: LETSWELEPUTSWA **Subject:** Physical Science

1. Which topics did you do in this five day workshop?
   Electrostatics
   Magnetism
   Acids and Bases
   Organic chemistry
2. Which topic did you find more interesting and what exactly did you learn about this topic/s?
   Acids and Bases. I learned that doing more experiments in this topic help learners to understand better.
3. How will this workshop improve your teaching practices?
   I will use the strategy of map concept for each topic I will be doing with my learners and I will try to squeeze time for performing experiments.
4. In which topic(s) will you require to be get more content training and for which grade(s)?
   Staichemetry for Grade 12. Optics for Grade 11.
5. Do you think the presenters were fully prepared and able to explain their presentations well?
   They were well prepared in each and every day.
6. Will you be able to apply the workshop teaching strategies and styles in you classroom?
   If Yes or No, how and why not.
   Yes, I have learned that I should spend more time in making learners think and work rather than teaching and teaching and teaching.
7. Your learners are preparing for the LAST PUSH strategies, will this workshop help you improve your learners performance and how?
   Yes it will as now I will be coming with some exciting styles of teaching and extracting the learners prior knowledge.
8. Would you want to have more TABSA workshops in future?
   Yes X No
9. Any other comments:
   I truely wish more teachers would attend this workshop and I think maybe one way that would bring them in is taking the group that attended the previous year to America or any other oversea country on their second year so that everyone will want to attend the first year with the hope of flying to overseas the following year and in the process they will be gaining skills and experience at the