

Master Action Plan Template

Name: Syed Hussain

Unit Title: Training of teachers in biology

Grade Level: Teachers training at secondary level

Unit Length: 3 days 20 participants

Unit Materials & Resources: charts, models, cards, markers, papers

Desired Results	
Goals or Power Standards	
<ul style="list-style-type: none"> • To make science teachers familiar with new biology curriculum • To prepare science teachers to effectively deliver the curriculum • To produce good results on exams 	
Enduring Understandings	Essential Questions
<i>Teachers will understand ...</i> <ul style="list-style-type: none"> • The new changes in curriculum • The difficulties in curriculum • How to teach the new curriculum 	<ul style="list-style-type: none"> • What material is covered in the new curriculum? • How will teachers effectively deliver the lessons? • How will teachers improve exam grades?
Knowledge	Skills
<i>Teachers will know ...</i> <ul style="list-style-type: none"> • How to be familiar with the new curriculum • How to prepare students for the examinations. • How to deliver the curriculum. 	<i>Teachers will be able to ...</i> <ul style="list-style-type: none"> • Familiarize themselves with the new curriculum • Prepare lectures and practical activities according to the new curriculum. • Use the proper resources.
Assessment Evidence	
Performance Tasks	Other Evidence
<ul style="list-style-type: none"> • Teacher training • Read curriculum • Look at available resources • Create lesson plans-UBD 	<ul style="list-style-type: none"> • Teachers are working efficiently • Students are responding well to lessons • Exam grades will be excellent • Many different materials will be used
Learning Plan/ Timeline (Include Benchmark Dates for PELI)	
Timeline First month Name of agencies: Mohmand, Bajour and Khyber Agencies.	

- Set a date/find a location
- Make a schedule
- Nomination of science teachers from the available data
- Arrange resource persons to conduct workshop
- Gather materials for workshop
- Conduct training sessions for science teachers
- I will cover all the following topics in my work shop.
- Structure of , (a) Plant cell (b) Animal cell (c) Differentiate between plant and animal cell through charts, models and microscopic studies.
- Awareness about phylems (invertebrates)
- Awareness about classes (vertebrates)
- Distribution of plants kingdom
- Angiosperms
- Gymnosperms
- Visit to trained teachers schools to observe/monitor/follow up, on how they are implementing the new curriculum methodology

Second month

Name of agencies: Aurakzai , Kurum

- Set a date/find a location
- Make a schedule
- Nomination of science teachers
- Arrange resource persons to conduct workshop
- Gather materials for workshop
- Conduct training sessions for science teachers
- I will cover all the following topics in my work shop.
 - Structure of , (a) Plant cell (b) Animal cell (c) Differentiate between plant and animal cell through charts, models and microscopic studies.
 - Awareness about phylems (invertebrates)
 - Awareness about classes (vertebrates)
 - Distribution of plants kingdom
 - Angiosperms
 - Gymnosperms
 - Visit to trained teachers schools to observe/monitor/follow up, on how they are implementing the new curriculum methodology

Third month

Name of agency :North Waziristan and South Waziristan

- Set a date/find a location
- Make a schedule
- Nomination of science teachers

- Arrange resource persons to conduct workshop
- Gather materials for workshop
- Conduct training sessions for science teachers
- I will cover all the following topics in my work shop.
 - Structure of , (a) Plant cell (b) Animal cell (c) Differentiate between plant and animal cell through charts, models and microscopic studies.
 - Awareness about phylems (invertebrates)
 - Awareness about classes (vertebrates)
 - Distribution of plants kingdom
 - Angiosperms
 - Gymnosperms
 - Visit to trained teachers schools to observe/monitor/follow up, on how they are implementing the new curriculum methodology

- **Fourth month**

- **Name of FRs. Kohat, Peshawar, Bunu, Lakki, Tank and D.I.Khan.**

- Set a date/find a location
- Make a schedule
- Nomination of science teachers
- Arrange resource persons to conduct workshop
- Gather materials for workshop
- Conduct training sessions for science teachers
- I will cover all the following topics in my work shop.
 - Structure of , (a) Plant cell (b) Animal cell (c) Differentiate between plant and animal cell through charts, models and microscopic studies.
 - Awareness about phylems (invertebrates)
 - Awareness about classes (vertebrates)
 - Distribution of plants kingdom
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 - Visit to trained teachers schools to observe/monitor/follow up, on how they are implementing the new curriculum methodology

Learning Activities

The workshops will be conducted through demonstration method, lecture method and activities based method