

Master Action Plan Template

Name: Naseem Afridi

Unit Title: water purification

Grade Level: Teacher Trainer at Secondary Level

Unit Length: 4 months

Unit Materials & Resources: UBD templates and sand filters.

Desired Results	
Goals or Power Standards	
<ul style="list-style-type: none">Teachers will know the basics of water purification.Teachers will communicate the importance of pure water to their students and community.Students will be able to purify water in their communities.	
Enduring Understandings	Essential Questions
<i>Teachers will understand that ...</i> <ul style="list-style-type: none">Teacher will promote the idea of clean water.Pure water is necessary for everyone.How can they purify water?	<ul style="list-style-type: none">How will we provide communities with clean drinking water?How student will be able to purify water?
Knowledge	Skills
<i>Teachers will know ...</i> <ul style="list-style-type: none">Best pedagogical practices for teaching clean water.How to promote the concept of clean drinking water to the students.How to teach the method of purifying the water.	<i>Teachers will be able to ...</i> <ul style="list-style-type: none">Teacher will be able to purify water.The teacher will teach the process of water purification to the students.Develop a lesson and communicate the importance of pure water and the water purification process to their students.
Assessment Evidence	
Performance Tasks	Other Evidence
<ul style="list-style-type: none">Teachers will participate actively in water cleaning process.Students will practice the specific method for purifying the water in the school and locality.	<ul style="list-style-type: none">Community will be able to develop a practical, affordable, and easy to use method of purifying water.Clean water will be available to the community.

Learning Plan/ Timeline (Include Benchmark Dates for PELI)

- Teachers learn to know about the method of purifying the water.
- Teachers will visit to students and give awareness about clean drinking water.ts.
- Teachers will teach UBD units and students will reflect upon them and make necessary changes.

Timeline

October

- Survey local middle and secondary schools.
- Select 20 teachers.
- Find and secure location for teacher training.
- Obtain and fill out UBD template for training.
- Obtain/ make sand filter materials.

November Week 1- Teacher Training

- Day 1: Awareness- Why is it important to have clean drinking water.
- Day 2: Teach the UBD method through the water purification model.
- Day 3: Activities- Build water purifiers then practice the water purification process.

November Week 2

- Trained teachers will return to their schools with new knowledge.
- Teachers will teach the importance of water purification.

November Week 3

- Students will learn to build sand filters.
- Students will practice water purification.
- Observation/ Assessment: Clean drinking water available in schools.

November Week 4

- Students will bring home new information and teach their families about the importance of clean water.
- Students will bring home their sand filters from school and build new ones at home with their families.
- I will assess the success of water purification.