**Lesson:** Visual of AMD

**Content Area:** Science

**Grade:** 6-12

**Standards:**

* **S11.D.1.1.2**
* **S8.D.1.1.2**
* **S8.D.1.3.3**
* **S8.D.1.2.2**

**Overview:**

1. Students will be creating a visual aid depicting the process of AMD formation.

**Resources:**

* AMD power point
* Internet resources

**Materials:**

* Poster board
* Scissors
* Glue
* Markers

**Objective:**

* Students are to create a visual representation of how abandoned mine drainage forms
* Students can use a variety of materials, creativity is expected

**Set-Up:**

* Information of AMD will be presented during class
* Students can then research any additional information they need

**Introduction:**

1. As a homework assignment, students will create a visual representation of the process of AMD formation.

**Procedure:**

1. Briefly review the process of AMD formation
2. Allow students to create a rough sketch of what they would like to do as their visual representation
3. Assign a finished project as homework

**Closure:**

1. Allowing students to see the process will show them: coal mining is not bad, it was the old practices that caused the pollution to occur.

**Evaluation:**

* Students will be evaluated on the neatness and accuracy of the AMD formation process they visually created.

**Extension/Demonstration:**

* This could also be done as a group project and presented in front of the class.