**Lesson**: PowerPoint Presentation for Treatment Technologies PowerPoint

**Content area:** Science/Ecology

**Grade:** 8-12 **Standards:**

* PA Science and Technology Standards

3.4.12.B1,

* PA Listening/Speaking Standards

1.6.9A, 1.6.10.A, 1.6.11A, 1.6.12.A

**Resources:**

* PowerPoint of *Treatment Technologies*

**Materials:**

* Computer and projector/Smartboard

 **Objectives:**

* TSWBT compare/contrast between active and passive treatment systems for abandoned mine drainage.
* TSWBT identify one example of a successful treatment system

**Vocabulary:**

* Surface Mining Control and Reclamation Act (SMCRA)
* Reclamation
* Remining
* Active Treatment System
* Passive Treatment System

 **Set Up:**

1. Set up computer and projector in order to present the PowerPoint presentation of *Treatment Technologies*

**Procedure:**

1. Guide students through the PowerPoint presentation.
2. Refer to the PowerPoint notes for further information on the presentation

**Closure:**

1. Refer to lessons plans for further exploration of the concepts discussed in the PowerPoint