**Lesson Plan Sheet**

Name: Time Allotted: 35 min

Subject: Grade Level: Date

**Instructional Objectives: (The student will be able to…)**

-list main industries in PA

-identify the men and places connected with the industries

**Materials Needed:**  overhead outline; student outlines

**Scope and Sequence of the Lesson**

**Introduction**:

Today we look at the big industries of PA

**Lesson:** (Verbal input and visual modeling)

**What were the big industries in PA?**

**Steel Industry**

 **-**replaced iron

-Bessemer method

 -Pittsburg

 -men: Sir Henry Bessemer, William Kelly ---blast furnace

-Andrew Carnegie

-richest man in world

-ruthless with labor

-gave away lots of money in older years

**Aluminum Industry**

 -electric current run through molten aluminum

 -ACOLA

 -Pittsburg

 -men: Charles Martin-discovered method, Captain Alfred Hunt, Arthur Davis

**Coal Industry**

 -2 kinds: anthracite, bituminous

 -used in steel, heating, RR, steam industries

 -Scranton *-talk about Eckley Miner’s Village*

**Oil Industry**

 -used for lubrication and as petroleum

 -refined to gasoline and motor oil

 *-first company oil refinery opened along Delaware R*

 *-oil from other states shipped to PA to be refined*

 -Gulf Oil Co

 -*first to open a service station for autos*

 -NW PA, Pittsburgh

 -men: William L. Mellon

**Electricity**

 -direct current produced by Thomas Edison

 -lit first building with electric lights in Sunbury

 -alternating current produced by George Westinghouse in Pittsburg

 -current could go for 4 miles

 -also invented air brake for trains, electric motor

**Food Industries**

 Hershey Chocolate

 -Milton Hershey started candy shop that failed in Philly

 -started again in Lancaster

 -bought land and built factory

 -looked out for well-being of his workers

 Heinz Ketchup

 -Henry Heinz started selling vegetables

 -started factory in Pittsburg

 -by late 1920s had expanded throughout US and into Europe

**Guided Practice:** (Teacher assisted Practice)

 Make list of voc words; copy definitions of the ones in each day’s lesson

 -do this throughout this chapter

Begin TR143

**Closure:** (check for understanding)

 Many people involved in these industries

 -some treated well; most treated terribly

 Change would come, but at great cost

**Independent Practice:** (Assignment-seat work/homework)

 TR143; READ 159-161

**Evaluation:**

 Of teacher and lesson- Evaluate on a scale of 1 (low) to 10 (high)

 \_\_\_\_\_\_ My degree of success in reaching my goal

 \_\_\_\_\_\_ Student interest / motivation / participation

 \_\_\_\_\_\_ Classroom management skills

 \_\_\_\_\_\_ Meeting the special needs (learning style, handicapped)

 Something(s) I’d do differently, or do again if I taught this lesson another time: