**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: