Title: Coal Products Level: Secondary Day/Time:

# **Objective:**

Coal can be used as a feedstock to produce many items. The following crossword puzzle identifies only a few of the items developed from coal.

# Activities:

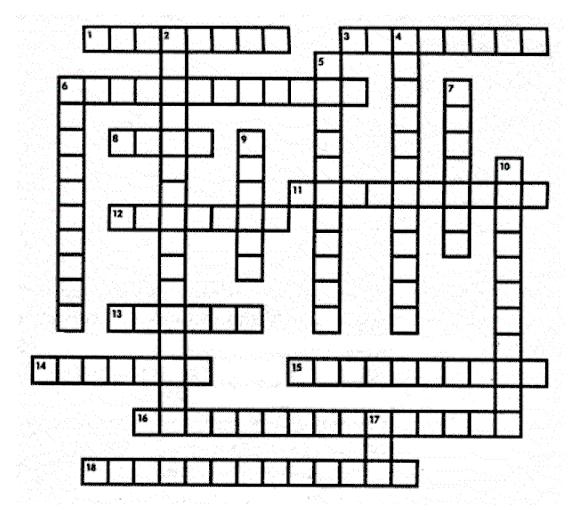
# Across

- 1. These are "worn" by people to smell nice.
- 3. Ignited to supply heat for your barbecue.
- 6. Applied to cleanse, or prevent infection.
- 8. These can permanently change the color of things.
- 11. Used to prevent the growth of plant life.
- 12. Substance from which car parts, combs, and containers are made.
- 13. Used on the top of your residence: shingles, tar and gravel, etc.
- 14. Strong smelling, liquid household cleaner.
- 15. Examples: Dynamite, TNT.
- 16. Generic term for all the things a druggist stocks.
- 18. Sometimes used to rouse people who have fainted.

# Down

- 2. Colors women apply to make hands pretty.
- 4. Used to kill or prevent growth of insects.
- 5. Cleanses and prevents bacteria growth; e.g. mouth wash, mercurochrome.
- 6. What we call products of washing dishes, clothes.
- 7. Clear, final coat often applied to wood surfaces.
- 9. Oil, tar, asphalt road or driveway surface.
- 10. Chemicals to help grass and plants grow.
- 17. Powerful explosive that is known by its initials.

**Coal Products** 



# Answers:

# Across:

- 1. Perfumes
- 3. Briquets
- 6. Disinfectant
- 8. Dyes
- 11. Herbicides
- 12. Plastic
- 13. Roofing
- 14. Ammonia
- 15. Explosives
- 16. Pharmaceuticals
- 18. Smellingsalts

# Down:

- 2. Fingernailpolish
- 4. Insecticides
- 5. Antiseptics
- 6. Detergents
- 7. Varnish
- 9. Paving
- 10. Fertilizers
- 17. TNT

### **Coal Products**

Provided by National Energy Foundation.