



Name: _____

Date: _____

Fire Science

Instructions: A fire needs three things to ignite and burn: oxygen (air), heat (from a match or electrical spark, for example), and fuel (anything that will burn, like wood, paper, leaves, gasoline, etc.). Keeping these basics facts in mind, answer each question below.

1. Why is it important not to open a door if the doorknob is hot?

2. Why is crawling under smoke safer than walking through it?

3. Why is running a bad idea when your clothes are on fire?

4. Why is "Stop, drop, and roll" a good idea?

5. Why will a wooden house burn faster than a brick one?

6. How does a fire extinguisher work?

7. How do fire doors work?

8. Why do firefighters carry compressed air and not oxygen in their tanks?

