



## Post-Visit Activity

### Matching Exercise

Name \_\_\_\_\_

### Standard Cylinder Type Engine Parts

1. Spark plug \_\_\_\_\_ This turns the piston's up and down motion into circular motion just like a crank on a jack-in-the-box does.
2. Valves \_\_\_\_\_ This part surrounds the crankshaft, it contains some amount of oil, which collects in the bottom of the sump (the oil pan).
3. Piston \_\_\_\_\_ This connects the piston to the crankshaft. It can rotate a both ends so that its angle can change as the piston moves and the crankshaft rotates.
4. Piston rings \_\_\_\_\_ This is a cylindrical piece of metal that moves up and down inside the cylinder.
5. Connecting rod \_\_\_\_\_ This part supplies the spark That ignites the airfuel mixture so that combustion can occur.
6. Crankshaft \_\_\_\_\_ The intake and exhaust of these open at the proper time to let in air and fuel and to let out exhaust.
7. Sump \_\_\_\_\_ These rings provide a sliding seal between the outer edge of the piston and the inner edge of the cylinder. The prevent fuel from leaking into the sump.