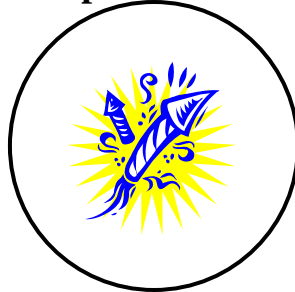
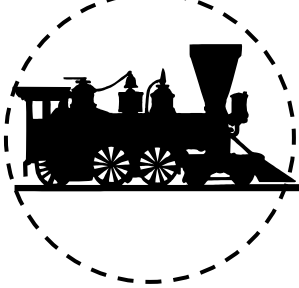


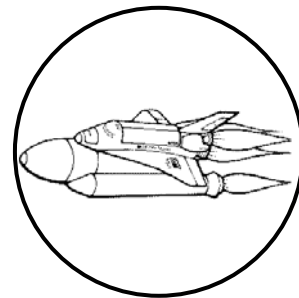
Lesson 2: Newton Gets Me Moving – What is a Rocket? Quiz – **Answers**

Circle the pictures that use rocket power to move:



Fireworks – Yes!

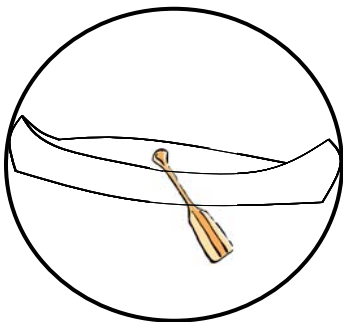
Wind - No



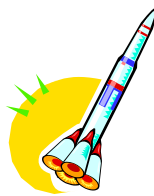
Space Shuttle – Yes!

Steam Trains, Airplanes, and Cars use it indirectly.
They use fuel explosions or heat to eventually turn propellers and wheels.
Could be okay for older kids who understand this.

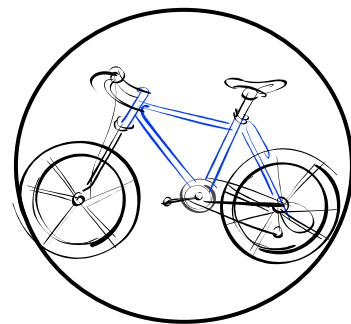
Circle the pictures that do not use fuel power to move:



Canoe – Yes!



Rocket – No



Bicycle – Yes!

Circle True or False:

True or False : Every force has an equal and opposite force.

This is Newton's Third Law of motion.

True or False : A ball sitting on a table creates a force on the table.

Gravity is pulling the ball down and therefore the ball is push down on the table.

True or **False** : The table does not create a force on the ball.

The table pushes up on the ball because if it didn't the only force would be gravity and therefore the ball would have to move.

True or **False** : An airplane can fly in space.

Airplanes require air in order to operate.

List two uses of rockets:

Fireworks, space shuttle, missiles, satellite thrusters, jet packs, rocket launchers, bottle rockets, science rockets, model rockets, etc...