Year 2 Science: Pushes and pulls: starting, stopping and turning

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Opening a drawer: is that a push or a pull?

2. You push a swing gently, then much harder. What happens with the harder push?

3. A ball rolls towards you and you put your foot on it. What does your push do?

4. How does a paper plane move through the air?

5. In Room 5's test, how far did the car go after the big push?

Fix the mistake

6. Correct this statement: "When I push a heavy box and it does not move, there is no force."

7. Correct this statement: "A rolling ball stops because it gets tired."

8. Correct this statement: "A push and a pull are the same thing."

Answer key (for parents and tutors)

1. Opening a drawer: is that a push or a pull?
   A pull.
2. You push a swing gently, then much harder. What happens with the harder push?
   The swing goes faster and higher.
3. A ball rolls towards you and you put your foot on it. What does your push do?
   It stops the ball.
4. How does a paper plane move through the air?
   It glides.
5. In Room 5's test, how far did the car go after the big push?
   10 floor tiles.
6. Correct this statement: "When I push a heavy box and it does not move, there is no force."
   You are still pushing; your push is just not big enough to start the box moving.
7. Correct this statement: "A rolling ball stops because it gets tired."
   The ground and the air rub on the ball, and that rubbing is a force that slows it down.
8. Correct this statement: "A push and a pull are the same thing."
   A push moves something away from you; a pull moves it towards you.