

Science Blog worksheet- Year 4

Q1. Write increases friction and decreases friction for the following things.

- a) Oily surface _____ d) Shiny cemented floor _____
b) Rubber doormat _____ e) Wet hallway _____
c) Rough road _____ f) Floor with wax _____

Q2. Choose the best answer.

- 1) Dolphins are able to swim because of.....
 - a) Smooth skin
 - b) Streamlined body
 - c) Both A and B

- 2) Unit for measuring force.....
 - a) Grams
 - b) Degrees
 - c) Newtons

- 3) Force is measured using a.....
 - a) Speedometer
 - b) Ruler
 - c) Forcemeter

- 4) What does friction do?
 - a) It slows down moving things
 - b) It makes spring longer
 - c) It makes things start to move

- 5) What is the effect on air resistance due to the size of the object?
 - a) The bigger the object, the bigger the air resistance.
 - b) The bigger the object, the smaller the air resistance.
 - c) The smaller the object, the bigger the air resistance.

- 6) Which of these things needs a large air resistance?
 - a) An aeroplane
 - b) a bird

c) a parachute

Science Blog worksheet- Year 4 (Answer Key)

Q1. Write high friction and low friction for the following things.

- | | | | |
|-------------------|-----------------------------|-------------------------|-----------------------------|
| a) Oily surface | <i>low friction</i> | d) Shiny cemented floor | <i>high friction</i> |
| b) Rubber doormat | <i>high friction</i> | e) Wet hallway | <i>low friction</i> |
| c) Rough road | <i>high friction</i> | f) Floor with wax | <i>low friction</i> |

Q2. Choose the best answer.

1) Dolphins are able to swim because of.....

- a) Smooth skin
- b) Streamlined body
- c) **Both A and B**

2) Unit for measuring force.....

- a) Grams
- b) Degrees
- c) **Newtons**

3) Force is measured using a.....

- a) Speedometer
- b) Ruler
- c) **Forcemeter**

4) What does friction do?

- a) **It slows down moving things**
- b) It makes spring longer
- c) It makes things start to move

- 5) What is the effect on air resistance due to the size of the object?
- a) **The bigger the object, the bigger the air resistance.**
 - b) The bigger the object, the smaller the air resistance.
 - c) The smaller the object, the bigger the air resistance.
- 6) Which of these things needs a large air resistance?
- a) An aeroplane
 - b) a bird
 - c) **a parachute**