Junior STEM Quiz 1
Answers
Age range 6 – 10
Junior STEM Quiz 2 Answers

This quiz can be played in teams or individually, and is suitable for ages 6 to 10

There are five rounds to the quiz:

Round 1: Our world in motion
Questions about the wonders of our world in motion

Round 2: Physics and Space
Questions about forces, motion, energy and space

Round 3: Engineering
Questions about famous feats of engineering and the way things work

Round 4: Chemistry
Questions about materials, changes and chemicals

Round 5: Biology
Questions about living things
Round 1: Our World in Motion

1) A tidal wave or “tsunami” is caused by what?
   C An earthquake under the sea

2) What is the fastest land animal?
   B Cheetah

3) What in our bodies do we use to make us move?
   A Muscles

4) Which of the following cannot move on its own?
   D A rock

5) Wind is the movement of what?
   B Air
Round 2: Physics and Space

1) If the forces acting on something are balanced, what will happen to the way it moves?
   D  Nothing

2) A shark can swim fast because of its?
   C  Long pointed body

3) Why is it dark at night?
   B  The sun is on the opposite side of the earth to us

4) An object that does not let light pass through it is called?
   C  Opaque

5) If a loud car zooms past you, what happens to the sound it makes as it moves further away?
   B  It gets quieter
Round 3: Engineering

1) Which one of these is a job for an engineer?
   D  They all are

2) When was the first call made on a hand held mobile phone?
   B  1973

3) What is the fastest land vehicle in the world?
   B  Thrust SSC

4) An engineer who works to improve the natural environment is called?
   D  An environmental engineer

5) Why is diamond used in in some drills and saw blades?
   A  Because it’s really hard
Round 4: Chemistry

1) Which one of the following is a chemical?
   D They are all chemicals

2) If you hold an ice cube in your warm hand it will eventually turn to what?
   (C) Water

3) Which of the following is not a gas?
   (D) Ice

4) What is dynamite?
   (B) An explosive

5) If you were choosing material to make a mop, the best material would be one that is?
   (C) Absorbent
Round 5: Biology

1) Which of these foods does not come from a plant?
   D Cheese

2) Which of the following is a predator?
   A Fox

3) Which of the following animals moves by flying?
   D Bee

4) What is the biggest fish in the world?
   B Whale shark

5) What is the longest bone in the human body?
   A Thigh (femur)

End of Quiz