



ROCKETS! Trail

Name..... School.....

The answers to these questions can be found on the first deck of the **Rocket Tower**.

1. Look at the information boards. Find the section about Isaac Newton. He wrote about forces, what did he call his work? Fill in the missing words.

The _____ of _____

Laws Rules Movement Motion

2. Find the board near the door.
Which one of these laws do rockets use?

Circle the right answer

First Second Third

3. Launch a water rocket. How high did your rocket fly?

_____ metres

4. On the side of the water rocket display it tells us which direction a rocket is launched in. Write the direction in the space below.





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Look at the two big rockets in the tower. Find the information about Blue Streak and Thor Able.

6. Why is the rocket called Blue Streak? Choose the right answer and write it into the box below.

It was painted blue before it was launched.
It is a military rocket and they were all named after colours.

It was named after the designer.

The correct answer is

Look at Thor Able.

7. What country is Thor Able from? There is a clue painted on the side of the rocket. Circle the right answer.

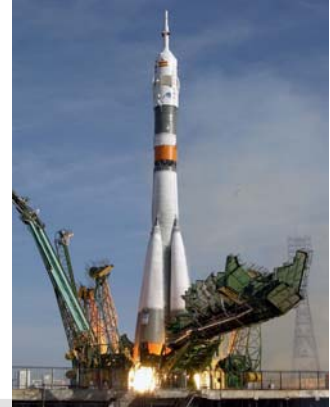
France

America

Germany

8. What year was this rocket first launched? Write your answer in the space below.

Why not go to the top of the Rocket Tower and look down on the rockets! You can also learn about the Moon landings here. The astronauts who went to the Moon used the biggest rocket in history. It was called Saturn V (five).





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Go to the **Into Space** gallery.

9. Lift the flaps to find out the name of the European Space Agencies Rocket?

Clue: The top picture on this page is what it looks like!

It is called _____

10. Try building a rocket. How long did it take you?

seconds

Go into the start of **Exploring the Universe**.

11. What is the name of the force that Isaac Newton discovered?

Rockets are used to put objects called probes into space. Go to the **Planets** gallery and find Venus.

12. What probe was crushed when it landed on Venus?

Write your answer in the box

Voyager 2

Galileo

Venera 4

The answer is

Finally visit **Space Now**. The Space Shuttle is a type of rocket.

13. Which shuttle does the tyre come from? Circle the correct answer.

Endeavour

Discovery

Atlantis



Key Stage 2
Curriculum Links - SC1, 2E- Forces and movement, 6E-Forces in action



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In the box below draw your own rocket. Use some of the words below to label it.

Nose-cone Fins Nozzle Boosters Flames Body

Remember to give your rocket a name and write it on the body.

