



★ KS1 Exhibit Explorers

★ Welcome to Winchester Science Centre. Where will your adventure take you? Use this helpful guide for tips on how to engage your students in our exhibits.

Upstairs Exhibits

Discover acoustics in the sonic rocket. Step inside and shout the name of your school.

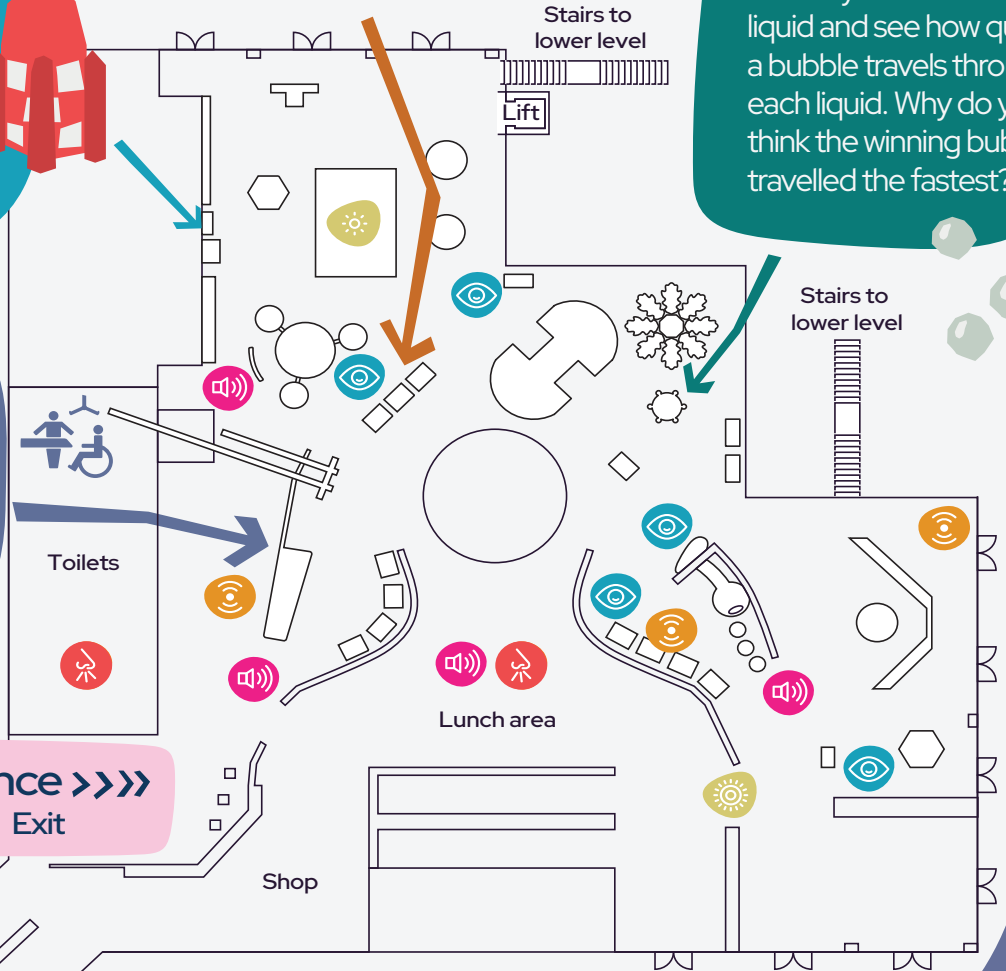
Does your voice sound different if you change the environment you're in? What happens to sound in space?

Play a tune on the giant acoustic guitar! Can you feel the vibrations? Does sound travel fastest through a solid or a gas?






Create an animal orchestra using the snake pendulum. Each student can pick a ball to follow and an animal sound. When their ball goes past the red frame they make their animal sound.

Challenge your group to have a bubble race at the viscosity exhibit. Pick a liquid and see how quickly a bubble travels through each liquid. Why do you think the winning bubble travelled the fastest?

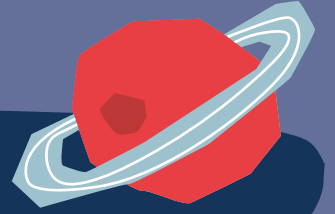
What is your favourite space fact? Share what you learnt on your epic mission to space!
 How many planets are there in our solar system? Did you spot any other objects in the night sky?



Key

-  Vibrations
-  Volume
-  Visually appealing
-  Brightness
-  Smelly





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Downstairs Exhibits



Climb inside the space suit. How does it feel? Do you think you could perform space tasks in a space suit?

Make a line of shortest to tallest in the class. Pick one volunteer from each end and ask them to stand in the room with the tallest on the left and the shortest on the right. Why do they change height on the TVs? Time to take a great photo of the class altogether!

There are creatures living inside the Biosphere. Can you identify what they are?

Stairs to upper level

Soft play

Stairs to upper level

Have a feel of the three Earth rocks. What differences do you notice about them? Can you find a fact about each one on the information panel.

Explorer:Space

Recombobulation Room: A quiet space to take a break

Rub your foot on the floor in front of the thermal camera and see what happens. This is called friction. Friction creates heat which is picked up by our thermal camera. Can you write your name on the floor using friction?

Key



Vibrations



Volume



Visually appealing



Brightness



Smelly