



Summer 1 Science Quest



Are you ready to challenge yourself with
a Science Quest?

This half term's challenge is to explore our own bodies. Earn 10 housepoints for your house by completing a challenge and sharing it in school.

Year 2

Make a doctor's stethoscope



What you need

- Kitchen roll tube
- Gaffer tape/ Duct tape
- Small funnel

What to do

1. Tape the funnel to one end of the kitchen roll.
2. Listen to a friend's chest.
3. Can you hear their heart beating?
4. Count how many beats in 1 minute.
5. Predict what would happen if they did some star jumps for 1 minute.
6. Count the number of beats after the exercise.
7. Record your answers. What do you notice?
8. Repeat with another form of exercise of your choice; record the beats before 1 minute of exercise and then record how many after.

	beats in a minute
Before exercise	
After 1 minute exercise (star jumps)	
Before exercise	
After 1 minute of exercise (your choice)	

What is happening?

When you exercise, your body needs more energy. Your heart beats faster so that you have more oxygen around your body.