



## Science Quest

### **Explore our body**

Are you ready to challenge yourself with a Holiday Science Quest?

Earn 10 housepoints for your house by completing a challenge and bringing it into school after the half term holiday. This half term we will keep ourselves busy learning about the human body.

### Year 1 and 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?

	beats in a minute
Before exercise	
After 1 minute exercise	

#### **What is happening?**

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