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Department for Transport

## KS2 Science & PSHE. Benefits Of Exercise

# My heart – Beats per minute tracking fun!

The importance of exercise and what happens to the heart when we exercise

### **READY** CURRICULUM LINKS & SESSION OUTCOMES

**Science:** recognise the impact of exercise and lifestyle

**PSHE:** how regular (daily/weekly) exercise benefits mental and physical health

This learning resource supports pupils to:

- → Understand the importance of exercise for heart health
- → Understand what happens to the heart rate during exercise including cycling





#### SET WHAT YOU WILL NEED

- → Space outdoors and bicycles if possible (Alternatively pupils can run instead, either on the spot or around an area)
- → Heart rate tracking instructions. Teacher prompt
- → Heart rate tracker (1 per pupil)
- → Discussion points- Exploring and analysing the data. Teacher prompt

#### PEDAL WHAT TO DO

- → Use the Heart rate tracking instructions. Teacher prompt to enable pupils to count their own heart rate
- → Pupils follow the instructions and collect their heart rate data, at rest, with mild activity, when cycle/running and when cooling down. They then complete their individual graph

→ Use the Discussion points - Exploring the graph to highlight what happens to the heart rate during exercise and the importance of exercising the heart for physical and mental wellbeing.





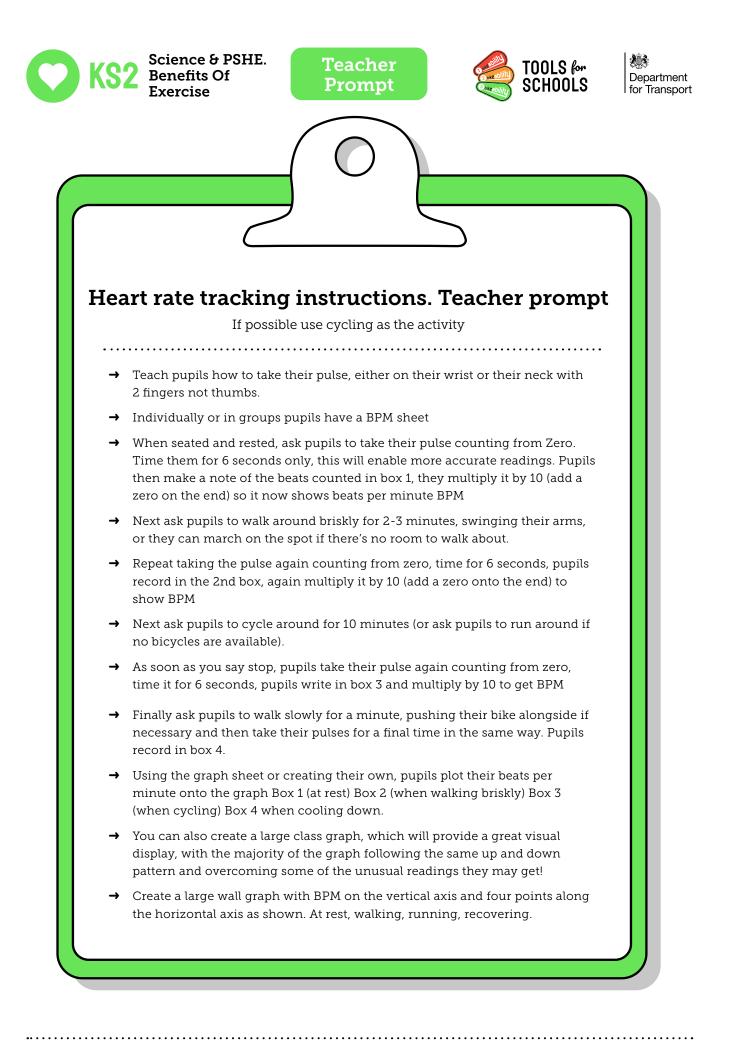
#### TO MAKE THIS LEARNING ACTIVE

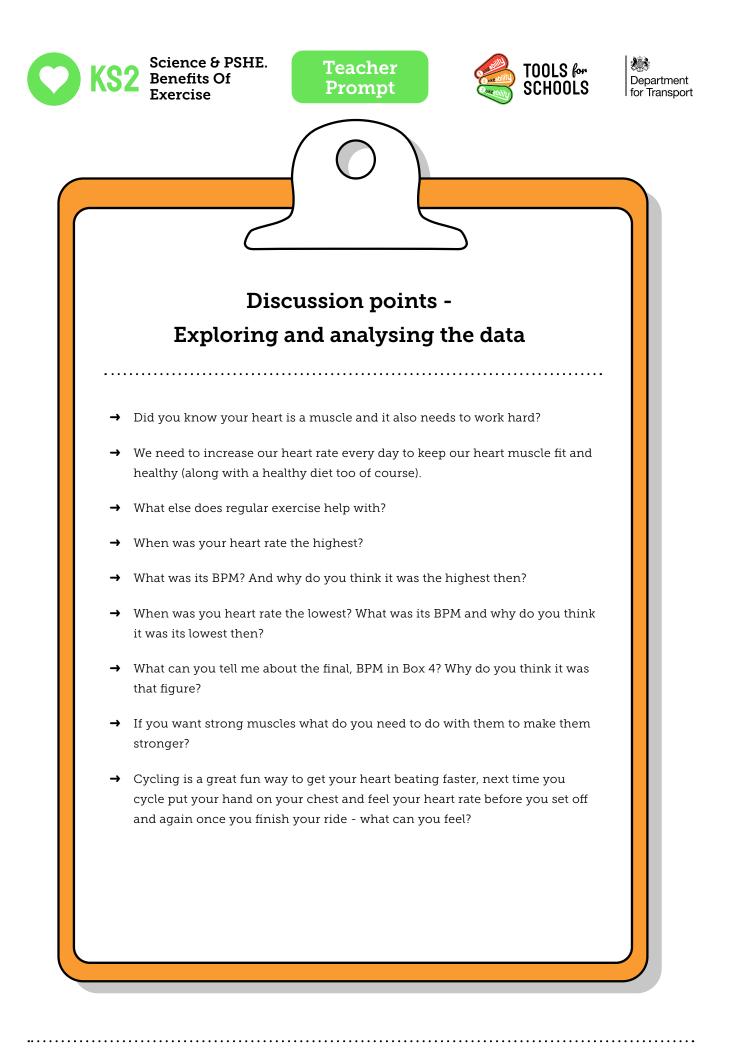
The **Heart rate tracker** activity promotes physically active learning throughout.

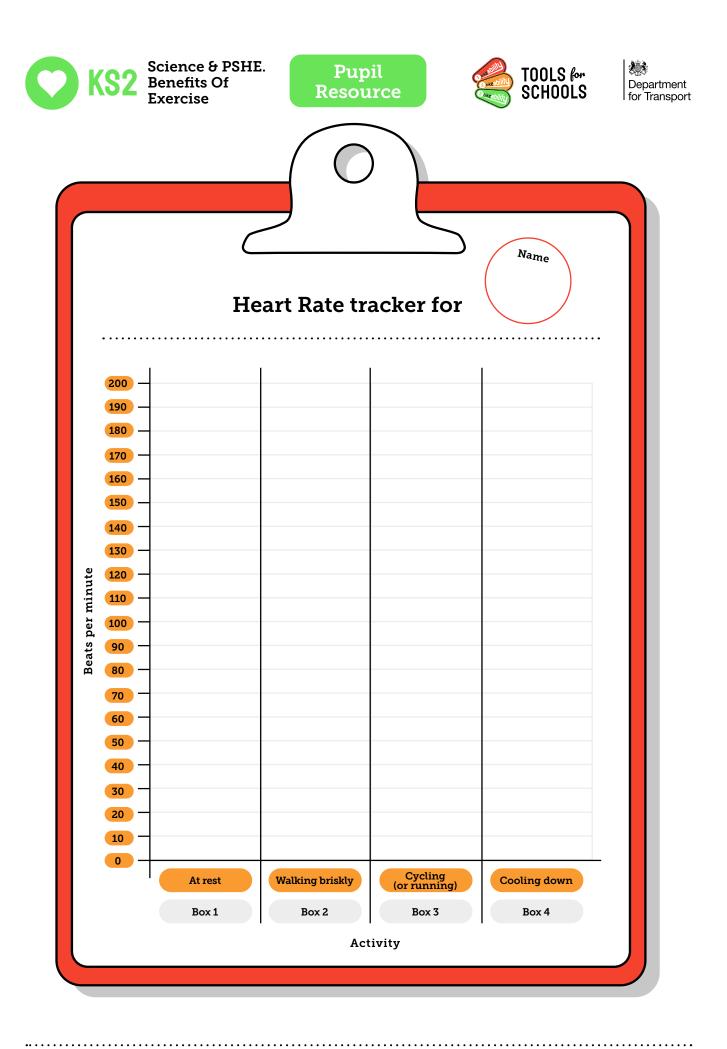


#### DID YOU KNOW?

Cars contribute to air pollution by emitting carbon dioxide, nitrogen oxides and particulate soot. Cycling doesn't produce any of these so can help to keep the air clean to breathe. Aaaaaaaaa!







FOR MORE INFORMATION VISIT: WWW.BIKEABILITY.ORG.UK