

BADGERS YEAR 6 HOME LEARNING

CHALLENGE ONE

Science – Circulation and Health

Homework Challenge: “Design a Healthy Heart Plan”

Create a one-page guide explaining:

- How the heart pumps blood around the body
- The role of oxygenated and deoxygenated blood
- Three ways to keep the circulatory system healthy
- Include a labelled diagram of the heart.

CHALLENGE TWO

Geography – Why Do Oceans Matter?

Homework Challenge: “Oceans Under Threat”

Create an information poster explaining:

- Three reasons oceans are important (e.g., climate regulation, food, oxygen, trade)
- One major threat (plastic pollution, overfishing, warming oceans)
- One action humans can take to protect oceans

CHALLENGE THREE

RE – Why Is There Suffering?

Homework Challenge: “Big Question Reflection”

Write a thoughtful response to the question:

Why do you think suffering exists in the world?

Include: At least one religious viewpoint (e.g., Christian or another faith studied)
Your own personal reflection.

CHALLENGE FOUR

French – Weather

Homework Challenge: “La Météo Report”

Write and practise a short French weather forecast including:

At least 5 different weather phrases
2 different connectives (e.g., et, mais, parce que) . You may perform it to someone at home.

CHALLENGE FIVE

Music – Theme and Variation: Pop Art

Homework Challenge: “Create a Musical Variation”. Create a short 4–8 note melody (your theme). Then write or record two variations by changing:

Rhythm
Tempo
Dynamics
Instrument

CHALLENGE SIX

DT – Come Dine With Me (Cooking)

Homework Challenge: “Design a Healthy Main Course”. Design a balanced main meal suitable for a Year 6 child.

Include:

Ingredients list

Explanation of why it is balanced

Basic method

Stretch Challenge: Cost your meal using supermarket prices and calculate total cost per portion.

CHALLENGE SEVEN

PE – Hockey

Homework Challenge: “Tactical Thinking”

Draw a simple hockey pitch and design:

A passing movement to attack
OR A defensive formation to stop a goal. Explain how communication and teamwork are important.

CHALLENGE EIGHT

Computing – Big Data 1

Homework Challenge: “Data Around Us”

Identify three examples of big data in everyday life (e.g., online shopping, streaming platforms, traffic systems).

Explain: What data is collected, Why it is useful, One possible risk

CHALLENGE NINE

PSHE – Citizenship

Homework Challenge: “Active Citizen”

Research one way young people can make a difference in their community (e.g., fundraising, volunteering, campaigning).

CHALLENGE TEN

Transition to Year 7 – Preparation Task

Homework Challenge: “My Year 7 Survival Guide”. Create a guide for your future self including:

Organisation tips

Making new friends advice

Managing homework

Handling worries

