

BADGERS YEAR 6 HOME LEARNING

CHALLENGE ONE

Science - Light and Reflection

Homework Challenge: "Light Investigator"

Find three different reflective surfaces at home (e.g., mirror, spoon, water). Investigate how light reflects off them and describe what you notice. Draw a diagram showing how light travels and reflects.

Stretch Challenge: Explain the difference between reflection and refraction, with examples.

CHALLENGE TWO

History – What Was the Impact of WW2 on the People of Britain?

Homework Challenge: "A Child's War"

Write a diary entry from the perspective of a child living in Britain during WW2.

Include details such as:

- Evacuation
- Rationing
- Air raids

Stretch Challenge: Explain how the war changed daily life for families and communities in Britain.

CHALLENGE THREE

PE – Cricket

Homework Challenge: "Cricket Tactics"

Design a simple cricket field setting for a batter. Show where fielders should stand and explain why.

Stretch Challenge: Explain when a bowler might use different types of deliveries (e.g., fast, spin) and why.

CHALLENGE FOUR

RE – Why Is It Better to Be There in Person?

Homework Challenge: "Shared Experiences"

Write a reflection about a time when being somewhere in person (e.g., event, celebration, place of worship) felt important. Explain:

- What made it special
- How it felt compared to watching or hearing about it

Stretch Challenge: Link your ideas to religious experiences (e.g., pilgrimage, worship, festivals).

CHALLENGE FIVE

PSHE – Economic Wellbeing

Homework Challenge: "Money Matters"

Create a simple weekly budget for a child your age. Include:

- Income (e.g., pocket money)
- Spending (e.g., snacks, games)
- Saving

Stretch Challenge: Explain why saving money is important and how people make financial decisions.

CHALLENGE SIX

Art – Painting and Mixed Media: Portraits

Homework Challenge: "Portrait Artist"

Create a portrait of a person (real or imagined). Focus on:

- Facial features
- Proportions
- Expression

You can use pencil, paint, or mixed media.

Stretch Challenge: Use colour, texture, or background to show the person's personality or mood.

CHALLENGE SEVEN

Music – Songs of World War 2

Homework Challenge: "Music Through History"

Listen to a World War 2 song. Write about:

- The mood and message
- The instruments you can hear
- Why it might have been important at the time

Stretch Challenge: Write your own short verse or chorus inspired by WW2 themes (hope, resilience, community).

CHALLENGE EIGHT

French – Exploring the French-Speaking World

Homework Challenge: "Francophone Explorer"

Choose a French-speaking country.

Create a fact file including:

- Location
- Language
- Culture (food, traditions, landmarks)

Stretch Challenge: Write 3–4 simple sentences in French about the country (e.g., C'est..., Il y a..., J'aime...).

CHALLENGE NINE

Computing – Big Data 2

Homework Challenge: "Big Data in Action"

Choose a real-world example of big data (e.g., health, shopping, transport).

Explain:

- What data is collected
- How it is used
- Why it is useful

Stretch Challenge: Explain one ethical issue linked to big data (e.g., privacy, accuracy, bias).

BONUS CHALLENGE

Bonus Cross-Curricular Challenge – "Then and Now"

Homework Challenge: "Life Then vs Now". Compare life during WW2 with life today. You could present this as a table, poster, or short piece of writing. Include: Food, Technology, Entertainment, Daily life. Stretch Challenge: Explain which time period you would prefer to live in and why.

