STEM EDUCATION PROGRAMME

Learning from the Past

Problems and solutions

*LO: To **understand** what is meant by 'the past'.*

To explain how and why technology has changed over time.

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WHO ARE SSE?

Do now:

- What is this a picture of?
- What can you see?
- How is it similar to your home?
- How is different to your home?

KEY WORDS

problem	solution	past / present

Introduction: a home from the past

What is the past?

Can you think of things that have happened in the past?

Introduction: let’s be certain we know what we mean with these…

problem

solution

past / present

What does Problem Solving mean?

PROBLEM SOLVING

The ability to find a solution to a problem

STEP 4

I explore problems by creating different possible solutions

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If this was the problem, what would be the solution?

problem

solution?

Feeling unwell

Someone misbehaving

problem

solution?

Our BIG question

Why are new solutions found to the same problems?

Do together

problem

solution

why is this a helpful device?

Pupil practise

LEARNING FROM THE PAST

Problems and solutions

Problem	Solution	Why is this a helpful device?

Review of learning…

How have we used our Problem Solving skills?

- How many solutions did you come up with?
- How did you come up with these solutions?
- How easy did you find this?
- Which solution did you pick and why?

Activity	Time Allocation Guide
Do Now: a home from the past	10 mins
Introduction: exploring vocabulary	15 mins
Provide Model: problem, solution and why it helps	10 mins
Pupil Practise: independent examples	20 mins
Review of Learning: comparison grid	10 mins

HOST FEEDBACK

Host Feedback

Please share your work with us on social media using our hashtag **#STEMatSSE**

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Contact us at ***stem@sse.com*** to request a volunteer from SSE to deliver the lesson

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