# STEM EDUCATION PROGRAMME

## Learning from the Past

Cleaning up!

*LO: To **understand** how energy is generated to be safer, cleaner and more efficient.*

sse | For a better world of energy

# WHO ARE SSE?

# Do now:

New technology is created to become s_____, cl_____ and m___ e_____.

# Our BIG question

## Why are new solutions found to the same problems?

# Which essential skill does this use?

CREATIVITY

The use of imagination and the generation of new ideas

STEP 2

I imagine different situations and can bring them to life in different ways

# Introduction:

# Introduction:

## Watch this video:

## “We Power Change”

# KEY WORDS

energy sources

renewable

hydro, wind, solar

# Do together

This is a _____.

It uses _____ to create electricity.

It is good because it…

The problem I see is…

# Do together

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# Do together

This is a _____.

It uses _____ to create electricity.

It is good because it…

The problem I see is…

# Do together / pupil practise

# Review of learning…

I like your idea because…

I thought it was an intelligent idea because…

Have you thought about…

# How have we used our Creativity skills?

- Why is our imagination useful?
- Why is it helpful to be able to explain our imagination?
- Can you give an example of where you have shared your imagination through a picture today?

| Activity | Time Allocation Guide |
|---|---|
| Do Now: fill in the gaps | 5 mins |
| Introduction: finding out about SSE renewables | 10 mins |
| Provide Model: Discussing cleaner, safer, more efficient energy | 10 mins |
| Pupil Practise: Creating our crystal balls | 20 mins |
| Review of Learning: Presenting our work to others | 10 mins |

# HOST FEEDBACK

**Host Feedback**

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

@SSE
@SSEplc

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

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