



# ENQUIRY QUESTION

## HOW CAN WE RISE TO THE CHALLENGE OF CLIMATE CHANGE?

**Linked to: The principle of health and creating a healthy, clean energy future**

### **Great Work**

Presentation of action plans for a clean energy future and Inuit inspired folktales of hope.

### **Partners in learning**

Eden Project and The Harmony Project.

### **Sustainability theme**

UN Sustainable Development Goal 13: Take urgent action to combat climate change and its impacts.

How can we address the challenge of climate change in our schools, homes and daily lives?

# WEEKLY QUESTIONS

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
QUESTION	What are the conditions that support life on Earth?	Why is our climate changing and why does it matter?	What is my carbon footprint?	What can I do about climate change?	How can we work together to rise to the climate challenge?	What is our action plan for a clean energy future?
SCIENCE	What is the greenhouse effect and how does it support life on earth?	Why is our climate changing and what are the effects of these changes, here and faraway?	What makes up our carbon footprint, and how can we change it?	What can we learn from the polar bears about insulation and energy conservation?	What can we learn from organisations about how they are rising to the challenge of climate change?	How can we work together to make an action plan for our school to use less energy and move to a clean energy future?
MATHS	How do we use energy in school and where does our energy come from?	How do we measure energy use, and can we measure and record the amount of energy we use in school every day?	What measures can we take to reduce our energy use in school?	What does our data show about whether our energy saving measures are having an impact?	What does the world need to do to get to carbon zero?	By how much have we reduced our energy consumption over the half-term? How low can we go?
GEOGRAPHY	What does the word arctic mean? How have living things adapted to survive and thrive there?	What can we learn from the Inuit about living in harmony with the natural world?	How is life in Alaska changing for people and nature?	What can I do to make best use of my skills to become a climate champion?	What can we learn from inspirational young people around the world who are rising to the challenge of climate change?	How can we share our energy saving initiatives and action plan to our school community?

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ENGLISH	How do Inuit folktales pass on information about how to survive and thrive in this frozen world?	How can we write Inuit folktales to pass on ideas about living in harmony with nature in the Arctic?	How can we dramatise our Inuit folktale?	What message do I want to share through my Inuit inspired folktale for the future?	How will I write my folktale, using the structure and language of an Inuit folktale?	Where and to whom will I perform my folktale for the future?
GPS FOCUS	What kind of metaphors, similes and imagery can we find in an Inuit folktale?	What metaphors, similies and imagery will enrich my Inuit folktale?	How can I use my voice and expression to bring my folktale to life?	What language will most effectively convey my message?	How will I structure and edit my folktale?	How will I perform my folktale to capture the interest and imagination of my audience?
ART & DESIGN	What can I learn about Inuit art and its representation of winter?	What can I learn about Inuit art and its representation of spring?	What can I learn about Inuit art and its representation of summer?	What can I learn about Inuit art and its representation of autumn?	How can my Inuit art design illustrate the message my story?	How will I present my Inuit art to accompany my folktale?

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MUSIC	How can I recreate the sounds of ice?	How can I recreate the sounds of ice melting?	What can I find out about Inuit choral singing and drumming?	How can I create a simple Inuit-inspired melody?	What are the lyrics and what is the tune of our Harmony Song?	How and to who will we perform our Harmony Song?
GEOMETRY	How can I draw the hexagonal shape of a snowflake?	What bold colours and patterns will I include in my image of a beautiful fish of the Arctic?	How can I capture the body shapes and colours of a walrus mother and calf?	How can I recreate the shape and movement of a swimming polar bear?	How can I create the flight form of Arctic owls in winter white?	What shape are the antlers of a caribou and how can I silhouette them against the Northern Lights?
OUTDOOR LEARNING	How can I connect with nature using my 5 senses?	How can I create an outdoor artwork to celebrate the seasons and nature?	What is the message in "The Promise" by Nicola Davies and how will we respond?	What can I find living in our school grounds?	How can I look after nature better in my school grounds?	Where will we plant seeds, bulbs or trees of hope to increase our local biodiversity? How much can we grow?