

Climate Change

Lesson Title: Nangiro's Story

Duration: 45 minutes

Aim:

- To introduce Climate Change.
- To explore the real life consequences of Climate Change through Nangiro's Story.

Subjects:

- English
- SPHE
- Geography

Strands:

- Emotional and imaginative
- Myself and the wider world
- Environmental awareness and care

Strand Units:

- Developing emotional and imaginative life through writing: letter writing
- Environmental care
- Caring for the environment

Class:

3rd and 4th Class / Key Stage 2

You will need:

Climate Change fact sheet and background information for teachers, Climate Change worksheet for 3rd and 4th class, whiteboard, Climate Change case study (Nangiro's story), old magazines/newspapers, voice recorder.

Introduction:

Discuss the word 'change' with the children. Ask them to say what they think of when they hear the word 'change' and to give examples of change. Is change good or bad? Ask for their opinions. Has anything changed in the children's lives? Maybe they got a new pet or joined a club/team. Elicit that they change classes and sometimes classrooms and teachers every year at school.

STEP 1

Write the words 'Climate Change' on the whiteboard. Are the children familiar with this term? Ask them to say what it means. Use the background information for teachers and fact sheet to explain the connections between our actions, greenhouses gases, global warming and Climate Change.

STEP 2

Tell Nangiro's story to the children. Ask for their responses to the story. Use the questions on the worksheet as starter points for the discussion. Discuss similarities and differences between Nangiro's life and the pupils' lives. Distribute the worksheet and ask the pupils to answer the questions and fill in the speech bubbles.

STEP 3

On the whiteboard, list the answers the children gave regarding actions they can take to help stop Climate Change (fourth box). Which was the most popular action they

decided to undertake? Ask the children to write a letter to Nangiro telling him about the changes they will make in their daily lives in order to be kinder to the climate.

Conclusion:

Have volunteers read their letters aloud and invite the pupils to decorate their letters by recycling pictures from old magazines and newspapers.

Extension Activity:

Climate Change story circle: Ask the pupils to sit in a circle. One pupil begins a story about Climate Change and stops after a few sentences. The next child picks up the story thread and continues it, then stops. The next child adds to it and so on until the story comes to a resolution. If necessary, guide the improvisation by sitting in the circle throughout the story. Record the Climate Change story circle for later listening. Why not send your Climate Change story circle to Trócaire?



Climate Change

Worksheet for 3rd and 4th Class / Key Stage 2

LISTEN TO YOUR TEACHER TELLING NANGIRO'S STORY

Afterwards, answer the following questions.

Why does Nangiro work?

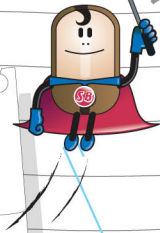
What would you miss most about Ireland if you lived in Turkana?

What is Trocaire doing to help Nangiro and his family?

Name some actions you can take to help stop climate change.

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Write what you think he is saying and draw a picture of Nangiro

Write what you would say to Nangiro and draw a picture of yourself

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Climate Change

Lesson Title: We can make a difference!

Duration: 45 minutes

Aim: To encourage pupils to save energy and so help reduce climate change.

Subjects: ■ SPHE ■ Geography

Strands: ■ Myself and the wider world ■ Environmental awareness and care

Strand Units: ■ Environmental care ■ Caring for the environment

Class: 5th - 6th class

You will need:

Whiteboard, copy books, colouring utensils, old / recycled paper / card.

Introduction:

Tell Nangiro's story to the children. Ask for their responses to the story

STEP 1

Explain that everyone contributes to climate change through the energy that we use. To illustrate this, ask pupils to brainstorm and then write an account of a typical morning before school – getting up, washing, having breakfast, traveling etc. Ask the children to read their accounts aloud. When the other pupils hear an action that has involved the use of energy they must clap their hands (e.g. clap for using the toaster). The pupils should quickly come to the conclusion that energy is being used most of the time!

STEP 2

On the whiteboard, brainstorm a class list of simple tips for cutting down the energy we use. The list on the fact sheet can be used to prompt for suggestions.

STEP 3

Use this list to produce personal energy saving tables to monitor how the pupils can save energy every day. An example is shown below.

Energy Saving Table

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
I cycled to school.	I switched off the computer fully after using it.	I closed the window to keep the heat in.	I had a shower instead of a bath.	I turned off a dripping tap.	I switched off the lights when I left the room.	I played outside instead of watching TV.

Conclusion:

Divide the class into groups of four. Each group's task is to design a poster to remind pupils and teachers in other classes to take action for climate change. Encourage the class to use short, catchy phrases like:

- **Use Recycling Bins!**
- **Use Both Sides of Paper!**

Don't forget to recycle old paper and card when making the posters!

Extension Activity:

Carry out a survey of your classroom to find out how energy efficient it is.

See survey on page 13 of Lent 2008 teacher's resource, 3rd – 6th class.

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Climate Change

Worksheet for 5th and 6th Class / Key Stage 2

FILL IN THE BLANKS USING THE WORDS FROM THE WORD BOX

STEP 1

- The temperature of the Earth is because of greenhouse gas.
- Large amounts of greenhouse gas are being produced by people burning fuels such as and
- As the Earth becomes warmer, the is changing.
- In places like Africa less and less rain means that are more and more common.
- This makes it difficult for families to the crops they need to survive.
- Very winds cause enormous damage to peoples' homes in
- helps communities in Indonesia to plant mangroves to protect near the coast from waves and storms.

WORD BOX

droughts villages
oil coal
rising grow
strong Latin America
climate Trócaire

STEP 2

When you have filled the blanks, use the symbols below to show how each sentence made you think or feel.



STEP 3

- Discuss what you have learned with the person sitting beside you.
- Put a code in the left hand margin beside your chosen sentences.

I already knew this.



1

I would like to know more about this.



2

I find this interesting.



3

This makes me feel angry.



4

This makes me feel sad.



5

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Climate Change

Fact Sheet

Climate

The weather tells us what to expect every day when we go outside or look out the window. The climate tells us what it is like in the place where you live, over a long period of time. Climates can be rainy, snowy, humid, hot or mild. How would you describe Ireland's climate?

History

Earth's climate has been changing non-stop for the past **5 billion years!** Sometimes, the oceans have covered most of the Earth. There have even been ice ages! But now the climate is changing because of how people are treating the Earth.

Greenhouse Gases

Greenhouse gases make the Earth warmer. We send greenhouse gases into the air whenever we...

- Watch TV
- Turn on a light
- Play a computer game
- Use a microwave

To do these things, we need electricity. Electricity comes from power plants which burn coal and oil. Burning coal and oil produces greenhouse gases.

Climate Change

Wet places are becoming wetter and dry places are becoming drier. In some parts of the world, people do not have enough to eat because they cannot grow the food that they need.



Kenya

Your Planet Needs You!

Using electricity is not wrong. We just have to be smart about it. Here are some ways you can help make the planet a better place!

- Get on your bike! Not only will you be helping the environment, you will be getting exercise too!
- Switch the TV and computer off when you are not using them. Do not leave them on standby with the red light showing.
- Recycle and re-use paper, glass, tins and plastic.
- Read! Learning about the environment is very important. There are many good books that will help you learn.
- Talk with your family and friends about climate change. Let them know what you have learned.
- Plant a tree in your garden or school – this will absorb carbon dioxide from the air.



Cambodia

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