



Activity 7

Idea and Prototype Making

Estimated Completion Time: 50 Minutes

Facilitator Note: Children should be made aware that their ideas are valued and heard. They should also understand that activities need to be realistic and achievable; while all ideas are important, children should be made aware that only one or a few may be chosen to develop further. They should also be made aware of the parameters, including how decisions are made and how much time will be allocated.

Purpose of this Activity

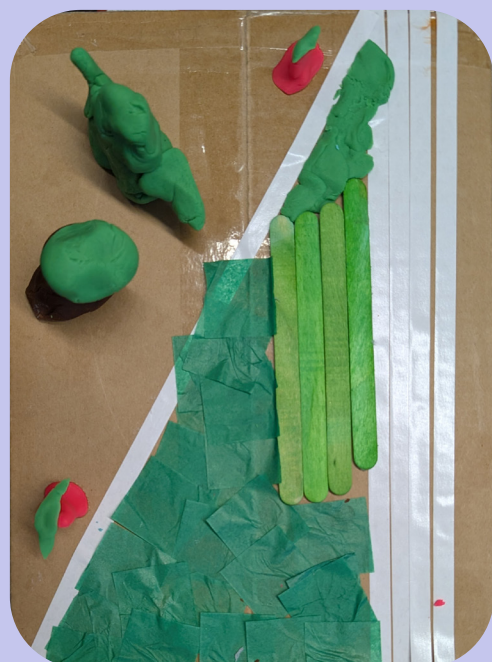
This activity helps children create their own idea for Climate Week. They will explore a theme, plan an idea, and make a simple prototype (a first model or drawing) to demonstrate thinking.

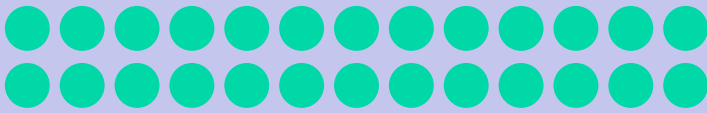
Example

Children at Alva Primary designed an Alien Climate Band that writes songs about climate change to raise awareness of the issues and children's key messages.



Children at Alva Primary designed a walking route up to Alva Glen to learn more about the local environment and what people are doing to protect it.





You Will Need

- Large paper
- Pens or pencils
- Model making equipment (Playdough, pipecleaners, card, lollypop sticks, card)
- A2 paper

Step 1: Thinking About Your Theme

Provide each group with a large sheet of paper. Invite them to draw or write about their theme by exploring:

- What they see or imagine when they think about their theme
- How their theme makes them feel
- Any questions they have about it

Step 2: Generating Ideas

Explain that children will now imagine and design activities for Climate Week that they are excited about, and that could also inspire adults to take an interest and get involved. Invite them to draw, write, or jot down as many ideas as they can. These could be activities they would love to participate in, lead themselves, or share in ways that inspire others to join in.

- Emphasise that:
- All ideas are welcome
 - There are no restrictions at this stage
 - Ideas can be big, small and creative

Step 3: Idea Prompts (Optional)

If children are finding it difficult to come up with ideas, introduce prompts to support their thinking.

Explain that each prompt has a linked idea bank with suggestions gathered from other children and schools involved in Climate Week. These are there to inspire ideas and can be adapted or built upon.

“How could you help people learn or explore your theme?”

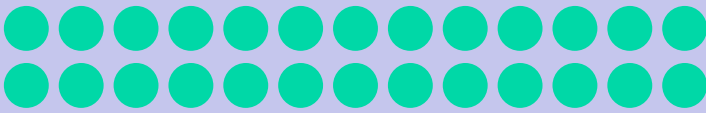
Idea bank: wheelofnames.com/t3h-zw8

“What could you make or create to help people care about your theme?”

Idea bank: wheelofnames.com/9c7-puk

“What actions could you take to make difference to the place and people around you?”

Idea bank: wheelofnames.com/4zr-jvz



Step 4: Selecting Your Idea

After generating ideas, place children into groups and invite them to choose one idea for the whole group to focus on. This may be done through a voting system or providing stickers to children to allocate the ideas they find most interesting on the ideas sheets.

They should plan it by answering:

Our idea: _____
Who is it for? _____
Where will it happen? _____
What do we need? _____
How will it help the planet? _____

Step 5: Making a Prototype

Explain that a prototype is a simple first version of an idea. Invite children to create their own prototype of their idea to help them understand their idea in a concrete way.

Children can choose how to present it:

- **Model: build a small 3D version**
- **Poster or storyboard: show the idea using drawings or steps**

Give the children time to create their models encouraging them to show all the elements in their idea plans.

Step 6: Deciding Your Climate Week

Give children time to improve their ideas using the feedback they have received.

As a class, decide which activities to include in Climate Week. This can be done through a vote or a group discussion.

If children find it difficult to choose, encourage them to look back at their Climate Trees. This can help them check whether their ideas match how they wanted Climate Week to feel and what they hoped to achieve.



Examples of ideas from Members of Children's Parliament:

you can litter
smoke stags
during a building
and emysen
what it would
be like

make a paper
map of
the world

Rubbish

Sculpture

Competition

coral model,

to raise awareness about how we

litter

W/ make out of lego

I like to build
a solar panel boat
to show we can be
green

Make flower
bombs

We could design
a rainproof playground

make a play
about storm blown
white in school roof

We make nature
art

We can make our own
TV show about climate
change and show
it to a bunch of
schools.

Make games to
collect rain water

Make horror film
about rubbish

We can make a
parade to make
people be good to earth

our idea was to make a campaign stopping fossil fuel
for scooters and bikes

close the roads to cars.

We could do a guided
tour of polluting areas

MAKE YOUR BUG HOTEL

Protecting

MAKE YOUR OWN Bird
Food

Scotland
and Zimbabwe
Joint climate plan

Our idea is a litter
picking corner.

these
will
help!



stop washing
this thing!!!

make a Bird
watching cage

Researching
floods

we can
sign out
where to
build wind mills

Investigate how
climate change affects
football + share

mapping
a sandy
beach

podcast
a school
trip to
learn about
climate
change

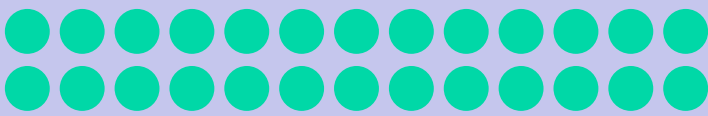
Trip to a powerstation
Cruachan powerstation

interview people who
grow seaweed



have a climate assembly.

Climate conference for
non believers



Tool 1: Climate Suitcase

In large groups ask children to draw a large suitcase on their paper. Inside the suitcase, they should organise their ideas into three sections:

→ Materials:

- What do you need to make your idea?
(e.g. cardboard, paint, recycled materials)
- Where will these come from?
- Can any materials be reused or collected?

→ Actions:

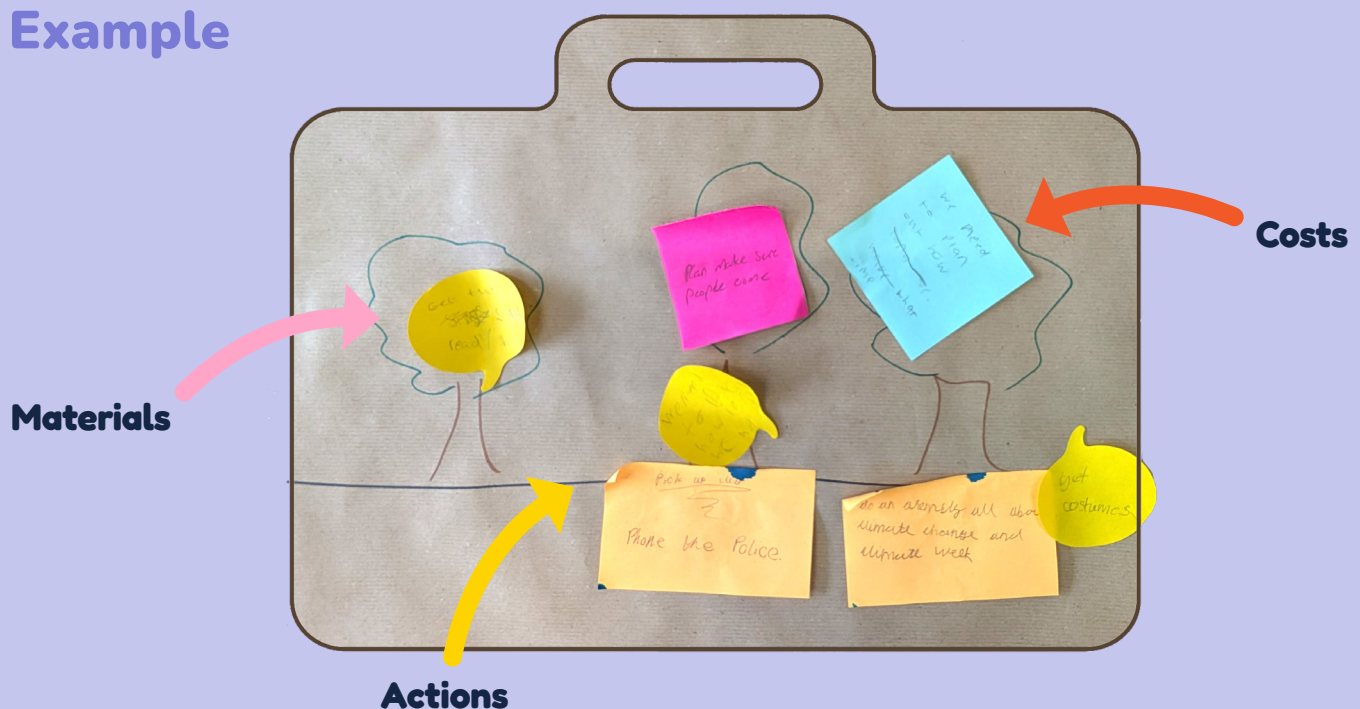
- What do you need to do?
e.g. design, build a bird house, decorate a banner, practice a speech
- Who can support you?

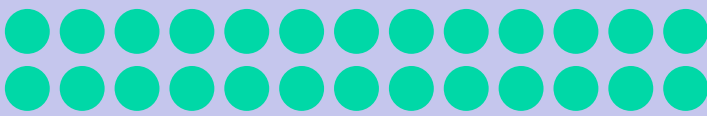
→ Costs

- How will you get your materials?
- Can you keep costs low by borrowing, sharing, or reusing items, encouraging donations?
- Who can support you?

Support children to make simple, practical choices.

Example





Tool 2: Climate Community Gallery

Ask children to think about the people connected to their idea and invite them to help create a climate community gallery as a class. They can draw, write names, or use sticky notes to show:

People who can help them learn more
(e.g. a gardener, recycling worker, community group)

People they want to join and inspire to action
(e.g. families, teachers, local community members, politicians, local councillors, local media)

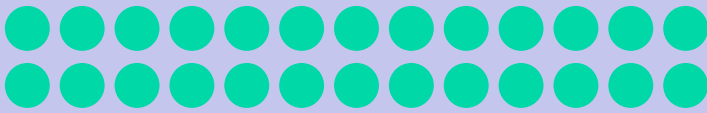
People they may need to talk to
(e.g. school staff or organisers)

Encourage children to think about why these people are important and how they could help. Ask them to add notes or explain what they might ask each person to do.

Example

Children at Alva Primary School draw portraits of people they want to inspire and who they can learn more from.





Tool 3: Dodger Timeline

Using a large sheet of paper, ask children to create a timeline depicted as a path or a road to represent the journey from now until Climate Week. Incorporate “stops” along the timeline and make use of the Climate Week mascot to engage the children. Encourage children to include key steps, such as:

Collecting or making materials, talking to and inviting people, practising and preparing, setting up on the day

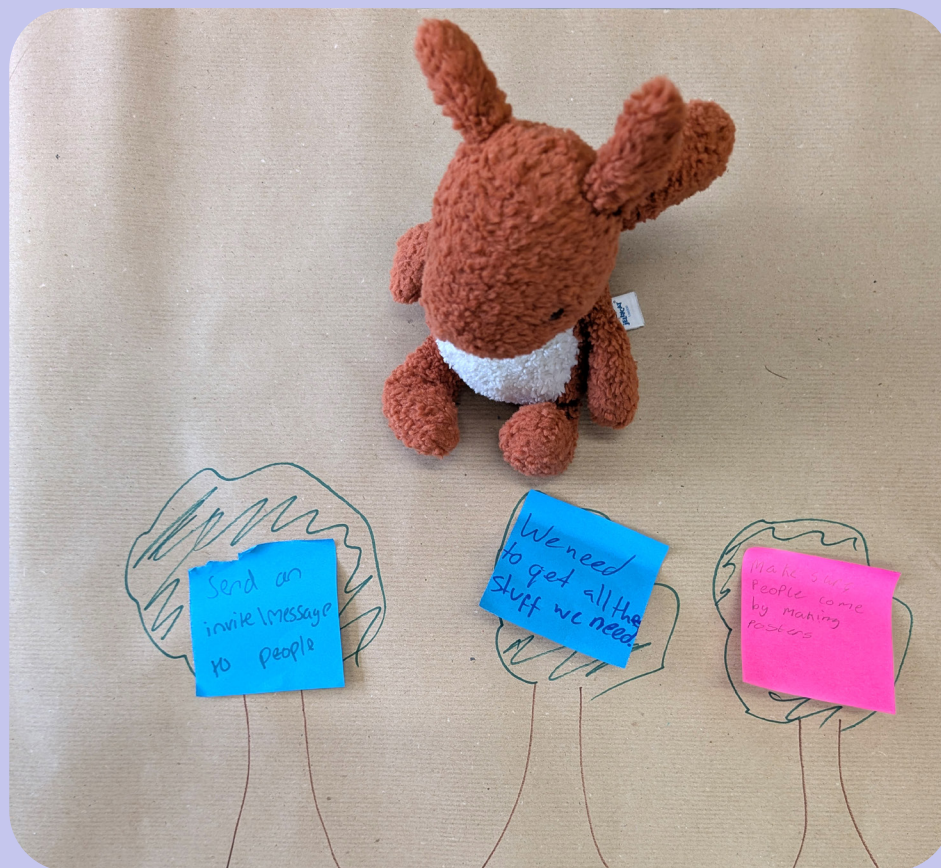
Ask children to look at each step and decide:

- What children can do?
- How can adults help?

They can also add dates or deadlines to help with organisation. Encourage children to consider how each step builds an idea into a reality.

Example

Children in Ashpark Primary School write down actions to support the creation of their Climate Week project





Activity 9

Making It Happen

Estimated Completion Time: 50 Minutes

Purpose of this Activity

This activity helps children turn their Climate Week ideas into action. They will think about how to share their ideas and ensure their voices are heard.

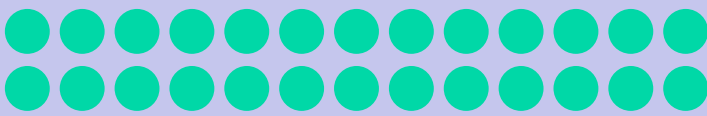
You Will Need

- Large paper
- Pens or pencils
- Model making equipment (Playdough, pipecleaners, card, lollypop sticks)

Example

Children at Ashpark Primary School have decided to use a Mascot named Barry the Bird, and have used a bird box as a container for tasks and actions they need to complete before Climate Week.





Step 1: Providing A Design Challenge

Working in groups, invite children to collaborate on creating and designing a prop or visual reminder. This should help people in the school community stay engaged with their Climate Week ideas in the lead-up to the event and continue to inspire action and awareness right through to Climate Week.

This could be:

- A mascot
- A special object
- Something that you do in class regularly (e.g. a plan review)

Inform children that their ideas should:

- Help adults remember their key messages
- Demonstrate what is happening
- Help children feel heard

Step 2: Providing Examples

Examples:

- **Climate Clock:** a clock that counts down to Climate Week and shows how many days are left.
- **Promise Tree:** a tree where each leaf shows an idea or action you want to do.
- **Climate Baton:** an object you pass around to show whose turn it is to help.
- **Classroom Chart:** a chart to track what is done and what still needs doing.

Step 3: Creating Your Reminder

Ask children to draw, sketch, or write their idea. Support them with these questions:

Our idea:

- What will help everyone remember and stay on track?

This will remind us about:

- What ideas or actions will it help people remember?

It will work because:

- Why is this a good idea?
- We will check it by:
- How and when will you review or update it?

Step 4: Developing Your Idea

Talk together as a class using questions such as:

- **Which ideas worked best?**
- **How will this help your ideas happen?**
- **How will you know adults are listening?**

Then decide as a class which mechanism to use, and work with the class to make this a reality. Install it in the classroom to keep everyone on track to work Climate Week.