

Small Is... Challenge

Starter questions

1

- You're about to start a new project called the Small is... Challenge. Put a tick for each question to say whether you agree or not.

Questions for before the Small Is... Challenge

	Agree strongly	Agree	Neither agree or disagree	Disagree	Disagree strongly
1. I can list more than 10 inventions from the past 100 years.					
2. I can tell you 3 facts about an invention from the past 100 years.					
3. I can tell you about a technology that is used in a developing country that makes peoples lives better.					
4. I understand how technologies/inventions affect the environment.					
5. I believe I could invent a product that improves the world in the future.					
6. I understand that the way we live has an effect on the planet.					
7. I believe we should all look after the planet for people living in the future.					
8. I have told people at home about the Small Is... Challenge.					

Small Is... Challenge

Research: 100 years of inventions (1911–2011)

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- Select any invention from the past 100 years

To help you with your ideas, you could use the Technology timeline in your classroom or go to http://inventors.about.com/od/timelines/Timelines_of_Invention_and_Technology.htm

- Which invention have you chosen?
- When was it invented?
- Who invented it?
- Include a picture/s of the invention.
- Has it led to the development of other inventions/technologies? Which ones?
- Your top 3 interesting facts about it:
- How has it changed people's lives?

Small Is... Challenge

Research: Recording the past

3

- **Interview a person** who is at least 20 years older than you. Find out about their memories of the technologies they used when they were younger. You can base your questions around a particular theme of food, transport, gadgets, etc or be more general if you like!

- I interviewed
- He/she is years old
- Record your questions and write up their response:

Small Is... Challenge

Technology for the future: My initial ideas

4

- **Invent a product** that will help us to lead more sustainable lives over the next 100 years.
- **My initial ideas** (sketches with notes will help to explain your ideas more clearly).



NAME YEAR SUBJECT

Small Is... Challenge

Technology for the future: My final design idea

5

- **Use detailed illustrations to tell us about your final idea.** When in the next 100 years do you think it will be used?
- **Make sure you label your design idea** with any sustainability issues, choice of materials and any other information that you think it's important we know about.

Small Is... Challenge

Plenary questions

6

- Now that you've completed the Small Is... Challenge, put a tick for each question to say whether you agree or not.

Questions for after the Small Is... Challenge

	Agree strongly	Agree	Neither agree or disagree	Disagree	Disagree strongly
1. I can list more than 10 inventions from the past 100 years.					
2. I can tell you 3 facts about an invention from the past 100 years.					
3. I can tell you about a technology that is used in a developing country that makes peoples lives better.					
4. I understand how technologies/inventions affect the environment.					
5. I believe I could invent a product that improves the world in the future.					
6. I understand that the way we live has an effect on the planet.					
7. I believe we should all look after the planet for people living in the future.					
8. I have told people at home about the Small Is... Challenge.					

- Please tell us any extra things that you've enjoyed or learnt through doing the Small Is... Challenge: