

Making Circles Online Quiz - Questions



What is the Circular Economy?

Question	Your Answer
1. Name 2 reasons we need a Circular Economy	
2. Give two examples from the film of waste in the way we live now	
3. Can you name 3 of the 5 circular design principles that can help us design out waste?	

Bryony Knox Studio Visit

Question	Your Answer
1. In a Circular Economy, we want to keep resources at their highest value for as long as possible. Give two ways in which Bryony makes the most of silver, a very precious resource?	
2. In a Circular Economy we try to reuse or upcycle products for as long as possible. Name three things BK uses in her studio that were designed to do something else.	
3. Being inspired by nature is a key principle in Circular Design. Name 3 creatures that have inspired Bryony.	

Mella Shaw Studio Visit

Question	Your Answer
1. Name two environmental problems that have inspired Mella to make work about climate change.	
2. Name two ways in which Mella responds to the climate emergency through her work.	

Go Circular

Question	Your Answer
1. Name 2 of the 5 waste saving themes discussed in the film	
2. Give 2 ideas of your own for cutting down on waste	

Making Circles Online Quiz - Answers



What is the Circular Economy?

1. Name 2 reasons we need a Circular Economy
 - Possible answers could be:
 - To protect wildlife (60% species decline since the 1960s)
 - To make the most of natural resources, which are becoming rarer and harder to extract (in Scotland using resources of 3 planets each year)
 - Population growth (3 billion more people in the next 30 years)
2. Give two examples from the film of waste in the way we live now
 - Possible answers could be:
 - £50m of gold in landfill in Scotland since 2016
 - 60% of office time is empty
 - A car sits unused 92% of the time
 - 33% of food goes to waste
 - Average power drill used for 13 minutes in its whole life
3. Can you name 3 of the 5 circular design principles that can help us design out waste?
 - Possible answers could be:
 - Design for Disassembly
 - Transforming Waste to Value
 - Inspired by nature
 - Powered by Renewable Energy
 - Multi-Functional

Bryony Knox Studio Visit

1. In a Circular Economy, we want to keep resources at their highest value for as long as possible. How does Bryony make the most of silver, a very precious resource?
 - Possible Answers could be:
 - Catches dust and scraps in tray
 - Cuts out very carefully using tessellation
 - Practices in cardboard first
2. In a Circular Economy we try to reuse or upcycle products for as long as possible. Name three things BK uses in her studio that were designed to do something else.
 - Possible answers could be:
 - Guitar string as a mouse's tail
 - Chasing tool made from steel nails
 - Cobbler's tool as silversmithing tool
 - Shoemaker's last as a stake
 - Cannon ball as a stake
 - Marmite pots and colourful jars as tool holders
 - Drawer as scrap catcher
 - Recycled drinks cans made into moving fish or jewellery
 - Cereal packets used to create models for wings

Making Circles Online Quiz - Answers



3. Being inspired by nature is a key principle in Circular Design. Name 3 creatures that have inspired Bryony.

- Possible answers could be:
- Griffin
- Mouse
- Hoopoe Bird
- Roseate Spoonbill
- Fish

Mella Shaw Studio Visit

1. Name two environmental problems that have inspired Mella to make work about climate change:

- Plastic Pollution
- Depletion of mineral resources

2. Name two ways in which Mella responds to the climate emergency through her work. Possible answers could be:

- Designs out waste at the design stage
- Reuses clay again and again until it's just right
- Consciousness raising - making people think and feel about the climate emergency

Go Circular

1. Name 2 of the 5 waste saving themes discussed in the film

- Possible answers could be:
- Make things last
- Replace single use items with reusable ones
- Get rid of useless packaging
- Share rather than own
- Ask yourself where things come from and how they are made

2. Give 2 ideas of your own for cutting down on waste