

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