

Forest in a Box

Inquiry Cubes



Forest Education
Foundation



Part A: Outside the Cubes

There is a puzzle to be solved today, and your group will work together to solve it

1. What are the illustrations showing?

2. What does your group know about what you can see in the illustrations?

3. How can you connect to one or more of the illustrations?

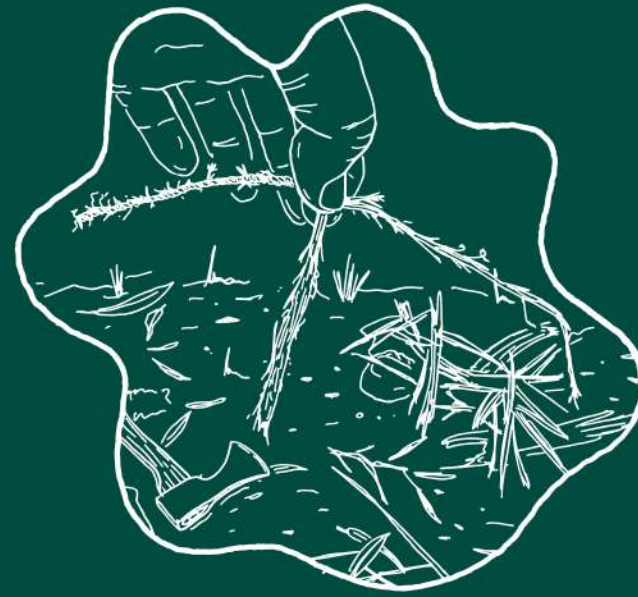


Part A: Outside the Cubes

Do you have a tricky illustration?
(find all illustrations explained on pages 8 and 9 of the *Teacher Guide*)



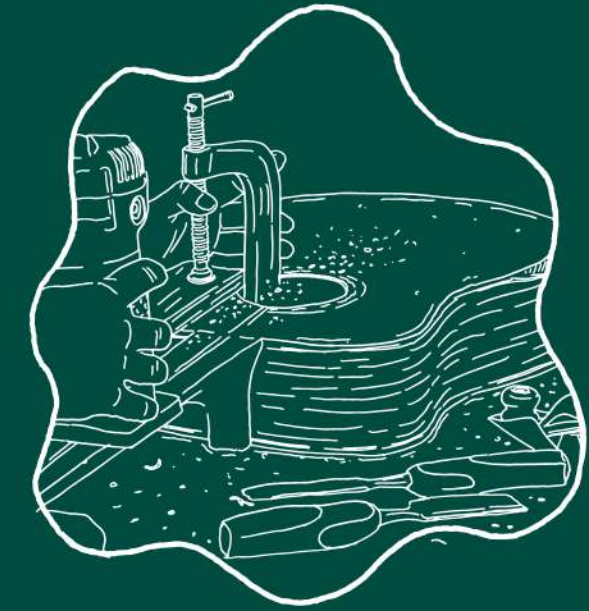
Fungi growing on an old rotting log



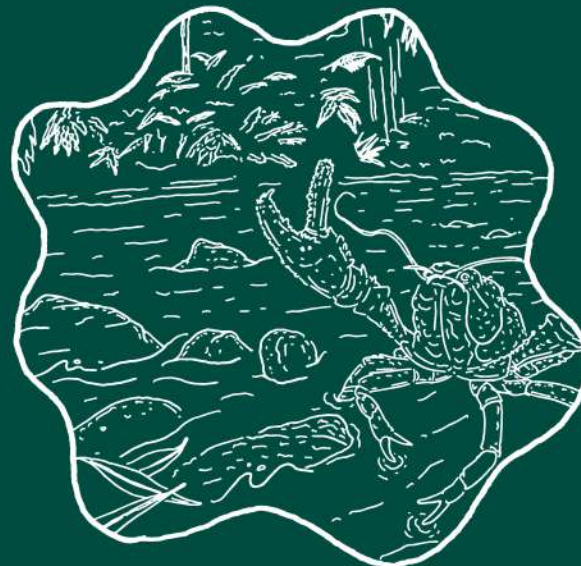
Aboriginal rope-making with native grasses



Rocky forest cliff face with rock shelters



Guitar being crafted from specialty Tasmanian timber



Giant Tasmanian fresh water crayfish in creek



Park ranger compacting a bushwalking track



Scientist collecting moss samples

Part A: Outside the Cubes

Connect 5

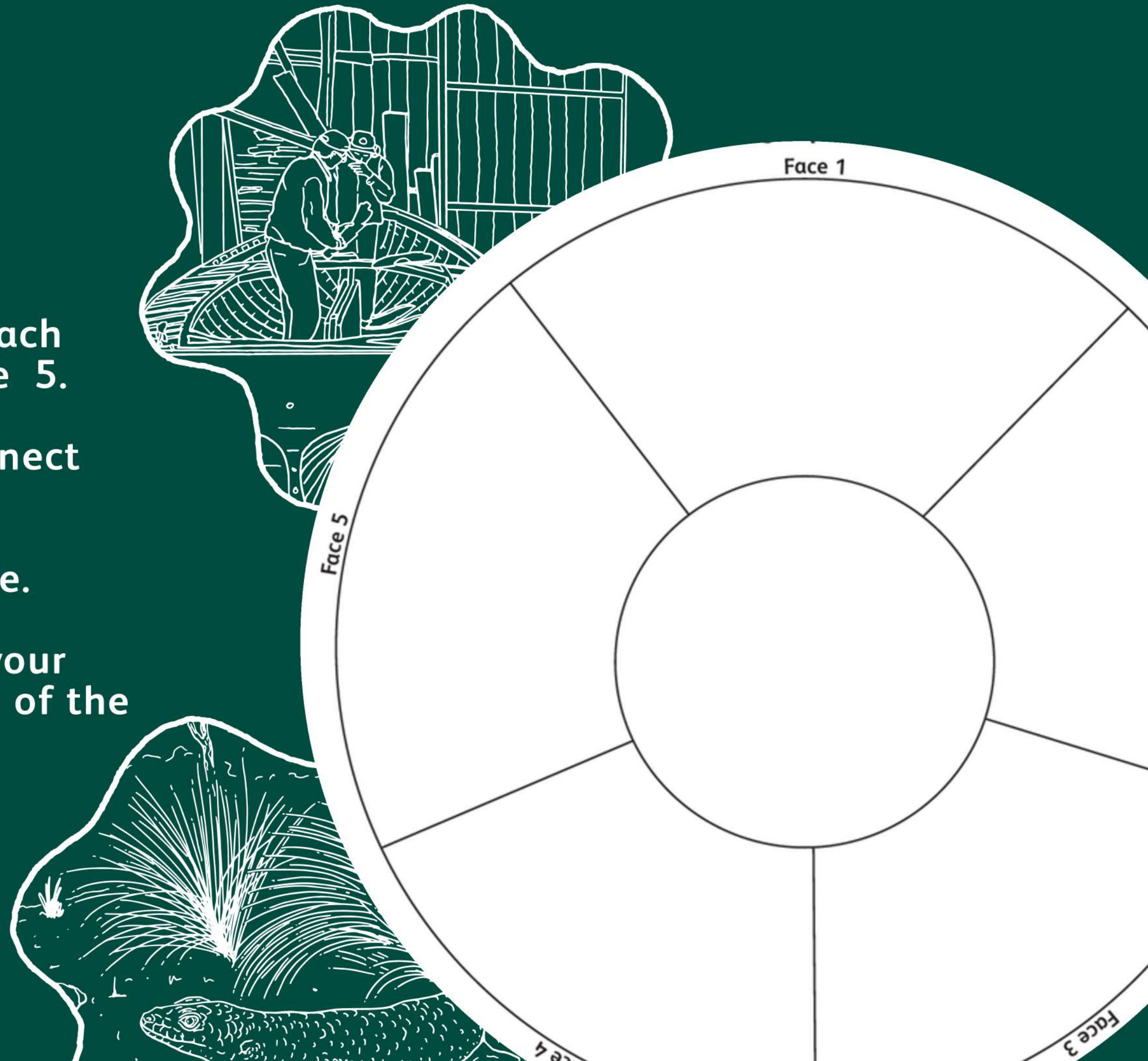
As a team, record what you see on each face of the cube, from Face 1 to Face 5.

What theme, word or idea could connect all five faces? Look for a pattern.

Write your answer in the center circle.

Write any questions or wonderings your group have in the box at the bottom of the page.

Remember: you are not trying to guess what is inside the cube!

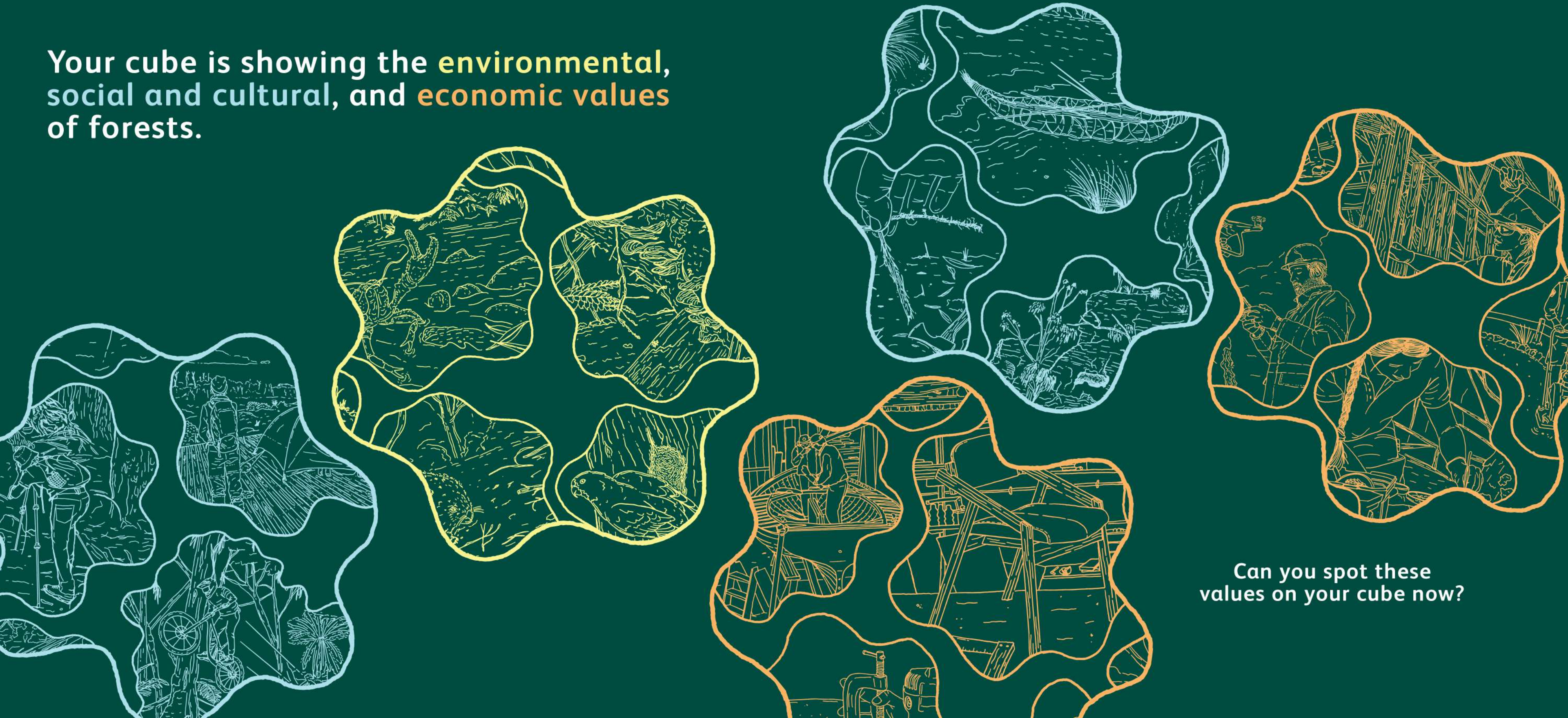


Part A: Outside the Cubes

Your cube is showing the **environmental**, **social and cultural**, and **economic values** of forests.

What's the answer?

Why forests are important.



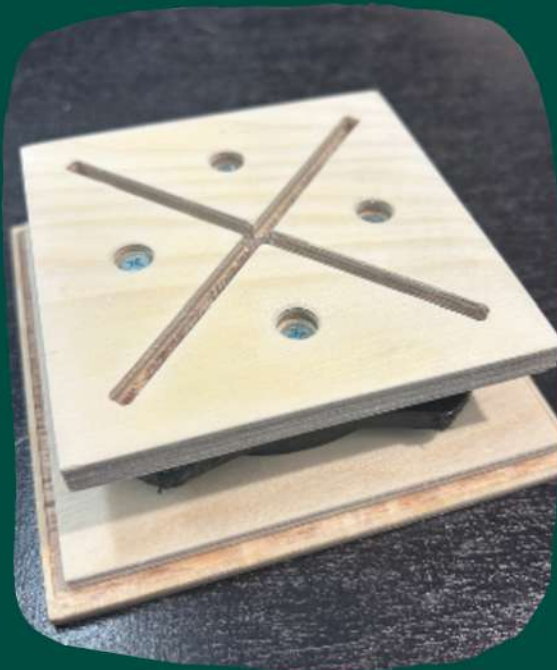
Part B: Inside the Cubes

Open your cube using a ruler or spare piece



Gently empty your cube. Can you figure out what to do next?
Start exploring how each word might connect to the next.

Part B: Inside the Cubes



Packing Up The Cubes

You can leave your trees set up in a safe space in the classroom, or carefully undo and pack them up.

10 pieces go inside the cube (2 base pieces and 8 trunk pieces. Any words.



The rest go back into the black bag.



Use a spare piece to do the lid back up.



Place the cubes back into the lined spots and the black bags in the empty spots.

Going Further

Use the *planner* and *net* to make your own *Inquiry Cube*!

Inquiry Cube Planner

What is the theme of your cube?
Example themes may be: managing Australian environments, animal adaptations, tree life cycle...

Face 1

Face 2

Face 3

Face 4

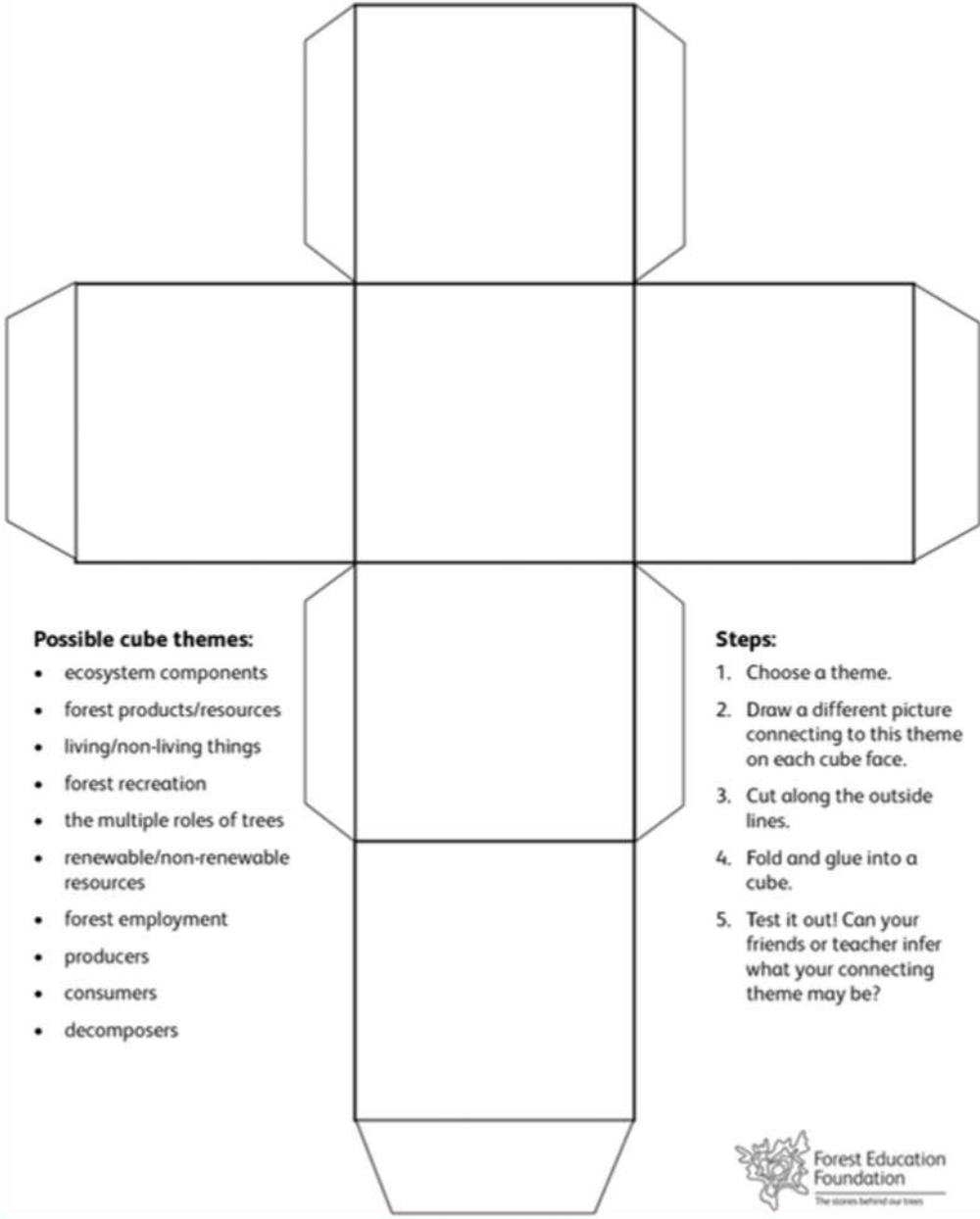
Face 5

How do your images connect to your theme?



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The stories behind our trees

Inquiry Cube Net



Possible cube themes:

- ecosystem components
- forest products/resources
- living/non-living things
- forest recreation
- the multiple roles of trees
- renewable/non-renewable resources
- forest employment
- producers
- consumers
- decomposers

Steps:

1. Choose a theme.
2. Draw a different picture connecting to this theme on each cube face.
3. Cut along the outside lines.
4. Fold and glue into a cube.
5. Test it out! Can your friends or teacher infer what your connecting theme may be?



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The stories behind our trees