



MY FOREST WORKBOOK



Stage 3

Stage 3 Workbook

The managers

The managers of IFLY want to add something new for guests to do – and the big open green space in front of the entrance is a great location. Your task is to design something new that guests will enjoy.

What would you build here? Tell us about it and sketch your design.

Idea

Sketch

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Fauna at Illawarra Fly

Identify these three animals using the word bank provided.



Short-beaked Echidna
Tawny Frogmouth
Diamond Python

What physical adaptation does each of these animals have to protect themselves in the wild?

Short-beaked Echidna

Tawny Frogmouth

Diamond Python

Layers of a Rainforest

What does the Rainforest:



Smell like?



Sound like?

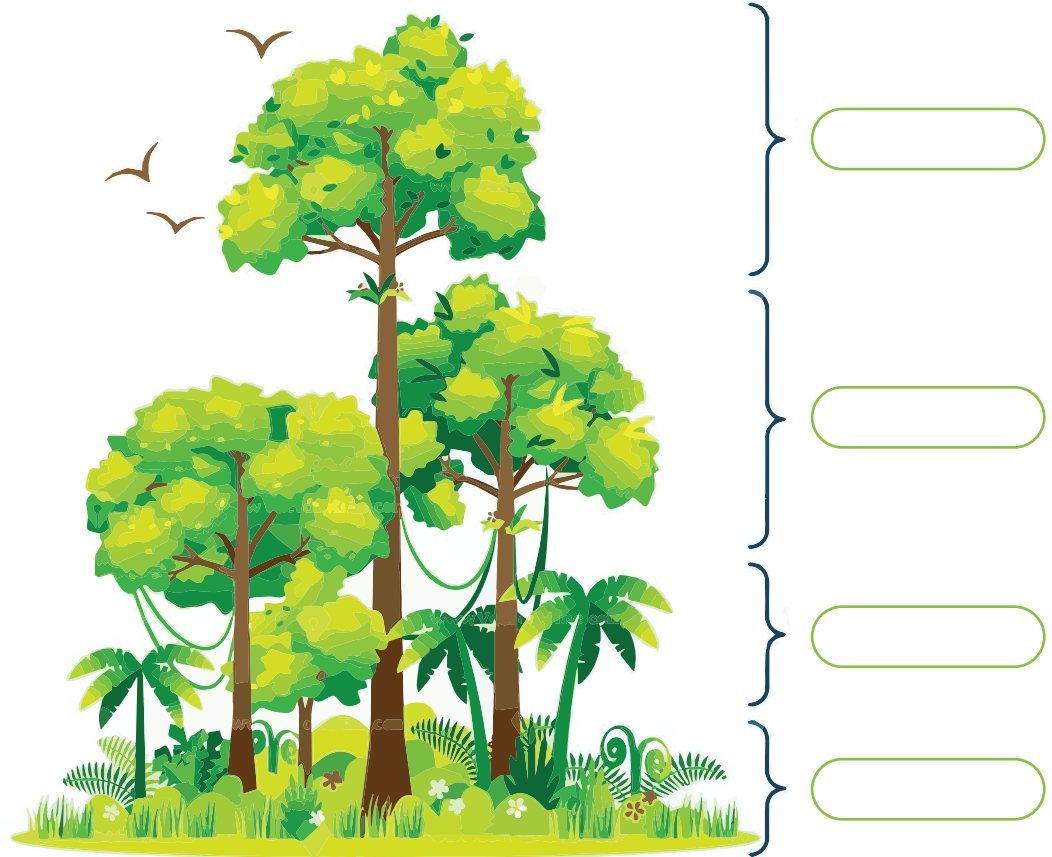


Look like?

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2. Label each layer of the rainforest diagram below with the following words:

- Understory
- Canopy
- Forest Floor
- Emergent



Which layer you are currently standing amongst

Which layer of the rainforest would you expect to find these animals?



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Zipline Tour Mathematics

Structure of zipline	40 m
Zipline	30 m
Suspension bridge	25 m
Suspension bridge	106 m
Zipline	50m
Zipline	50m

Calculate the total length of the ziplining areas only.

Calculate the total distance of the suspension bridges you would walk on during your treetop adventure?

Calculate how far you have travelled in metres if you have reached the midway point of the zipline and treetop adventure walk.

Knights Tower

I reached Knights Tower and I climbed steps to the top!

Correctly identify which ocean is located on the West of Australia and which ocean is located on the East.
Options: Indian Ocean & Pacific Ocean.



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Knights Tower

Draw what you can see from Knights Tower in the box below.



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What is a Cantilever?

You are standing on our second cantilever! Did you know, both ends of this are meaning they are only supported from one end. This allows the walk to have additional length without the need to erect another large pylon.

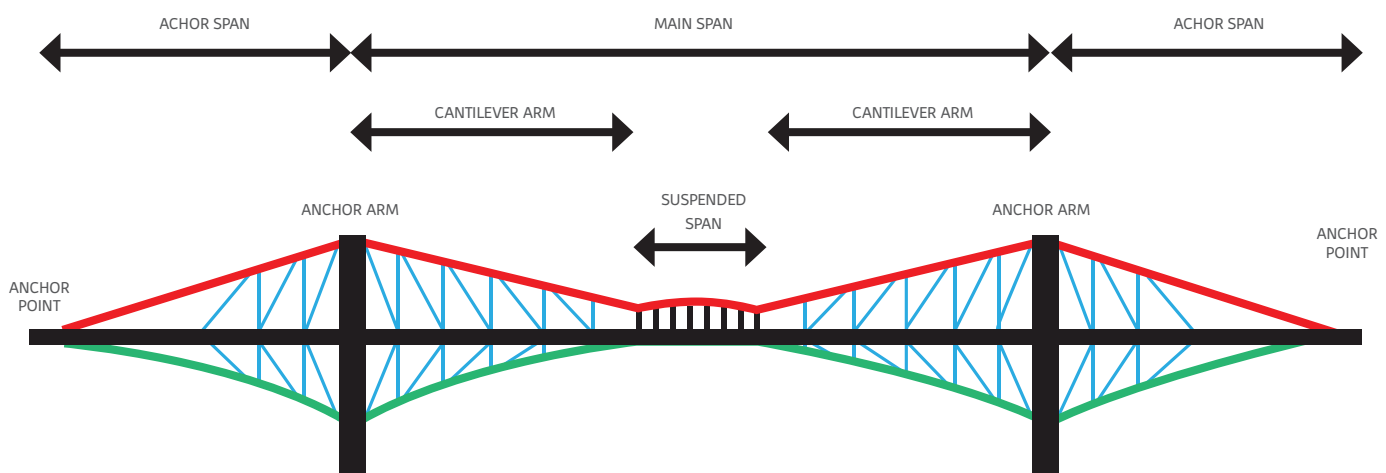
Cantilevered structures are designed so that when load is applied to the free end, it transfers that load to the fixed end by . This means that even though you feel the structure and - it is ! In fact, our cantilevers can hold up to - that's roughly average sized wombats!

Word bank

Use the words in the word bank to fill in the blanks to discover the fun facts about rainforests!

Structure, Cantilevered, Mathematically, Bending, Bounce, Sway, Safe, 28 tonnes, 800

How a Cantilever Is Constructed



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Types of Rainforest

There are two different types of rainforests: Tropical and Temperate. Illawarra Fly is a temperate rainforest.

- Temperate rainforests are located further away from the tropics and their habitats are milder than tropical rainforests.
- However, temperate rainforests still experience high levels of rainfall due to their location on the coast and in mountainous areas.
- Temperate rainforests do not experience the high temperatures that tropical rainforests do due to less intense sunlight.
- Temperate rainforests can be found in places such as New Zealand, North America and Australia.

Word Bank

Use the words in the word bank to fill in the blanks to discover the fun facts about rainforests!

Planet, Healthy, Carbon Dioxide, Oxygen, Survive, Plants, Food

Rainforests are important in keeping our and all those who live on it, both human and non-human species, . Rainforests absorb from the Earth's atmosphere and release that we need to . Rainforests are also home to millions of and animals, providing , shelter and safety.

Suggest two things your school can do to create a more sustainable environment, e.g. plastic free lunchbox days or school clean up days.

Idea 1

Idea 2



Word Search

U O F P Y V R E W O T T X F P
 M H L N K P N N U Q N G C S S
 I T Y I N I O C E I T V A Z A
 P L M T L M I N D P A J N L A
 E H L P E D R A A W B I T E P
 Z G I A A R E C N C M H I X K
 J Z I J W H U T S R O Y L T N
 O E U I L A Z T A M W D E S L
 R C J Q W K R P A V H I V U A
 T R E E S U L R V N E R E H C
 L N A A C N B C A H C L R Y I
 E R U T N E V D A L P I E U P
 H T U T E M P E R A T E H Y O
 F R B L J B K D G C N X C K R
 E I V R T S E R O F N I A R T

Words

- Rainforest
- Canopy
- Wombat
- Zipline
- Trees
- Ocean
- Cantilever
- Structure
- Tower
- Elevated
- Tropical
- Temperate
- Illawarra Fly
- Adventure
- Nature

