

The Thinking Lab

# SCIENCE

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**ECOSYSTEMS:**  
KEEPING THE BALANCE



## STARTING

The first stage of the module is called *Starting*. The activities in this stage will help us see what we know about the topic.

We will answer some questions about what we already know.

## DISCOVERING

Now it's time to learn more about the topic.

Let's do the tasks and learn more. This stage of the module is called *Discovering*.



## STRUCTURING

We've worked hard in the *Discovering* stage so now let's organise what we know.

This stage of the module is called *Structuring*.

## CREATING

Now it's time to share what we have learned.

Are you ready for the big challenge? It's your turn to show what you now know. This stage of the module is called *Creating*.





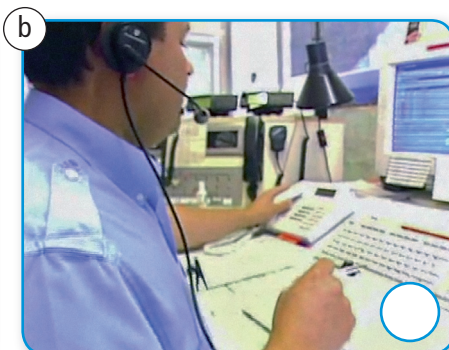
In the Science class, our friends Joe and Sarah tell us about a forest fire.



1 Watch the video story. Order the pictures.



There's a big fire in a forest near here.



The man at the farm calls the firefighters.



It smells bad!



Will the birds come back tomorrow? Next week? In a year's time?



It's getting dark. There's fire all around!



The animals! Let's help them get out! Quickly!





## 2 FOREST LIFE



Joe and Sarah are going to study forests.  
We are going to study forests, too.



1



Look at the picture. Describe it in pairs.





Everything is green.    The forest is full of life.    Animals and plants live together in a forest.

[illegible]

mushrooms  
 ivy  
 wild boar  
 butterfly  
 blackberry bush  
 dragonfly  
 rabbit  
 flies  
 soil  
 lizard  
 squirrel  
 sunlight  
 rock  
 water

YOU ARE...



### 3 DURING AND AFTER A FOREST FIRE



That forest was full of life but a disaster changed everything.



1 How do you imagine a forest fire? Draw two pictures.

The forest during the fire

The forest after the fire





**2** In groups, describe the forest after the fire. Can you predict how the forest will recover?

## THE FOREST AFTER THE FIRE

**Description:** What does the forest look like now?

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**Predictions:** How will the forest recover?

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**3** Discuss your predictions with the other groups. Write down the most common predictions.

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**4** Watch the video story again. Write down the initial questions.

Question 1

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Question 2

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Question 3

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**5** Do your predictions in Activity 3 help you answer these questions? Explain your answers.

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Let's find out more about forests!







To answer the questions properly we need to learn a bit more about forests. These are the objectives of the module.



1 Match the parts of the sentences. Copy the objectives in your portfolio.

1 To understand what happens in a forest or other natural environments ...

a ... to carry out investigations.

2 To learn what happens to animals, plants and other living things ...

b ... when a disaster takes place.

3 To reach conclusions on ...

c ... what we can do to preserve these natural environments.

4 To use what we learn ...

d ... to talk about these aspects.

5 To use proper scientific language ...

e ... after a disaster.

6 To work together ...

f ... to understand this topic better following a scientific approach.