



Teacher Resource

# Cicadas

## Focus Questions

1. Where can you find the Brood X cicada? Locate on a map.
2. How often do Brood X cicadas come out from underground?
3. What do the cicadas eat while living underground?
4. What happens to the cicada's skin when they come out?
5. What does the Brood X cicada look like? Describe.
6. Where do female cicadas lay their eggs?
7. What do the baby cicadas do once they hatch?
8. How long do the adult cicadas live for once they are above ground?
9. What does the Brood X cicada taste like?
  - a. Shrimp
  - b. Locust
  - c. Ant
10. Name three facts you learnt watching this story.

### EPISODE 15

1<sup>st</sup> June 2021

#### KEY LEARNING

Students will learn more about the life cycle of a cicada and create a fact file of the species.

#### CURRICULUM

##### Science – Year 4

Living things have life cycles.

##### Science – Year 5

Living things have structural features and adaptations that help them to survive in their environment.

##### Science – Year 6

The growth and survival of living things are affected by physical conditions of their environment.

##### Science – Years 5 & 6

Scientific knowledge is used to solve problems and inform personal and community decisions.

## Activity: Quick Quiz

Begin the Cicadas activity with a quick true or false quiz. Circle the correct answer.

1. Cicadas are the loudest insect in the world.	True	False
2. Both male and female cicadas sing.	True	False
3. Cicadas are part of the shrimp family.	True	False
4. All cicadas have the same song.	True	False
5. Someone who studies insects is known as an entomologist	True	False

Answers: 1 True. 2 False, only the male sings. 3 True. 4 False, each species has its own song. 5 True.

## Activity: Class Discussion

After watching the BTN Cicadas story, students will respond to the following questions:

- What do you know about cicadas?
- Have you ever heard a cicada? Where were you?
- What was SURPRISING about this story?
- What QUESTIONS do you have about this story?



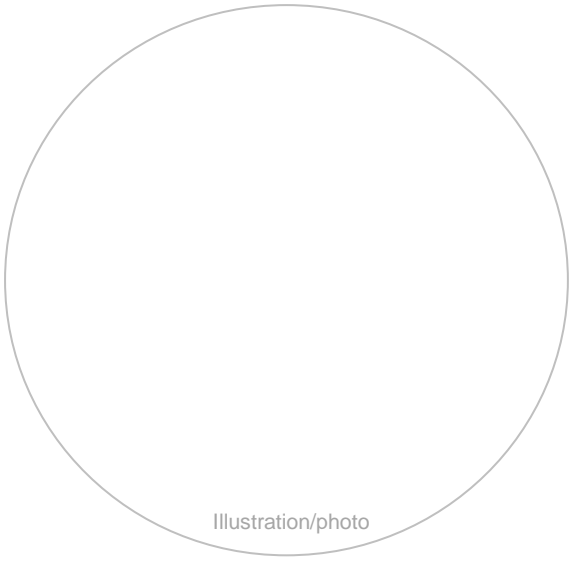
## Activity: Glossary

Students will brainstorm a list of key words that relate to the BTN Cicadas story. Here are some words to get them started.

LIFE CYCLE	CICADA NYMPH	INSECT
ENTOMOLOGIST	PREDATOR	EXOSKELETON

## Activity: Profile of a Cicada

Students will choose a species of cicada to research and create a fact file. They can use the template below to help guide their research. Watch [this video](#) to learn more about the life cycle of the cicada.

<p><b>COMMON NAME:</b></p> <p><b>SCIENTIFIC NAME:</b></p> <p><b>APPEARANCE:</b></p> <p><b>DIET:</b></p>	 <p>Illustration/photo</p>
<p><b>LIFE CYCLE:</b></p>	
<p><b>THREATS/PREDATORS:</b></p>	
<p><b>UNIQUE FEATURES OR INTERESTING FACTS:</b></p>	

# Activity: Match the cicada

Did you know many of common names for cicadas were initially given to them by children? Match the cicada to their name.



**Greengrocer**



**Floury Baker**



**Double Drummer**



**Cherrynose**

## Activity: Eating Insects

In some restaurants in America, cicada tacos are on the menu. Watch [this video](#) to find out how chefs are using these crunchy critters in their recipes. Students can then respond to the following questions:

- Explain the process of preparing and cooking the cicadas.
- What do cicadas taste like?
- Would you eat cicadas or any insects? Why or why not?

How do other students in your class feel about eating insects?

- What are the benefits of eating insects?
- What are insects a good source of?
- Design your own recipe that includes cicadas (or another edible insect). Think about ingredients, measurements, a procedure, cooking time and equipment required.



### Further Investigation

What is **entomophagy**? In which countries is entomophagy common? Locate on a world map.

## Useful Websites

- [Brood X cicadas: Billions of cicadas emerge after 17-year hibernation](#) – Newsround
- [Cicada tacos on the menu as billions emerge from the ground across the US in 17-year cycle](#) – ABC News
- [Cicada – Superfamily Cicadoidea](#) – Australian Museum
- [Eating Insects](#) – BTN
- [Bug Meal](#) – BTN