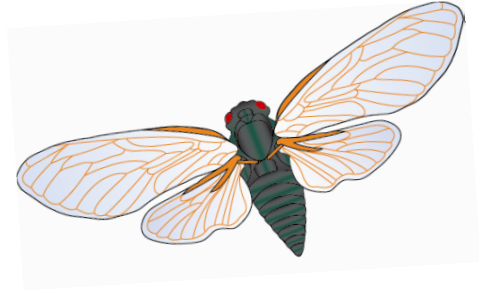


**CicadaMobile Worksheet III**  
*Periodical Cicadas (Grades 7 – 8)*



**1. Lifecycle Step-by-Step (*Orange Station*)**

- a) How many slits would a female cicada need to make if she laid 600 eggs total and 30 eggs per slit?
- b) What does **teneral** mean?

**2. Go to the box with four tall tubes on top. (*Labels on top are orange.*) Use the magnifying glass to see how cicadas live their lives.**

**3. Don't Miss the Red Eyes! (*Green Station*)**

What are two differences between annual and periodical cicadas?

**4. Go to the box with cicada costumes and dress up as a cicada. Look in the mirror to see what you would look like if you were a cicada!**

**5. Guess Who: Cicada or Locust? (*Gray Station*)**

- a) What type of mouthparts do cicadas have?
- b) How many species of locust are found in the United States?

**6. Cicadas Around the World (*Blue Station*)**

- a) Why is the South American cicada wearing a red sweater?
- b) What is the name of the world's only sweating insect, and where is it found?



**7. Go to the box with the globe. See how much you know about cicadas around the world.**

**8. They Don't Bite! (*Brown Station*)**

- a) Why do more baby birds survive in the years that periodical cicadas emerge?
- b) What is a **turret**?

**9. Buzzzzzzzzzzzz! (*Red Station*)**

- a) What is the easiest way to distinguish between the 3 species of periodical cicadas?
- b) Put these sounds in order from quietest to loudest: jet engine, normal speech, rock concert, cicada.

**10. Follow your ears to the cicada sound crate! See if you can make a song like a cicada.**

**11. Fungus *amungus*: Predators of Cicadas (*Yellow Station*)**

- a) For cicadas, what is the benefit of emerging in huge numbers?
- b) What is the only known specialist parasite of cicadas?

**12. If you DID NOT start at Question #1, move to Lifecycle Step-by-Step (*Orange Station*). If you DID start at the first question, you are finished!**

**Note:** To learn more about cicadas and the Cicada Mania event please visit [www.LCFPD.org/cicadas](http://www.LCFPD.org/cicadas).

