

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Making Inferences

Why do bees sometimes leave their old home for a new one? The reason may be that their old home is too crowded. The hive is too crowded when there is not enough room for the bees to store all of the honey they need for food. When that happens, worker bees have a special gland that makes a food called royal jelly. They feed the jelly to the grubs. At the same time, other workers build special cells for the queens to grow in. A queen cell looks like half of a peanut shell. A few days after the new royal cells are covered with wax, the old queen and many of the workers leave the hive. They will find a new home someplace else. In the old hive, the new queens hatch. Only one queen will survive, and she and the workers will keep the old hive.

1. You can infer that a grub is
  - a. the largest bee in a hive
  - b. an especially hardworking bee
  - c. an early stage in the development of a bee
  - d. the only bee in the hive that collects pollen
  
2. The paragraph suggests that the queen bee
  - a. lives longer than other bees
  - b. never leaves the hive
  - c. needs special food
  - d. makes honey for the hive
  
3. The passage suggests that
  - a. a new queen is larger than an old queen
  - b. bees build their hives near flowers
  - c. only one queen rules each hive
  - d. royal jelly is very sticky to the touch

R & C of RwCURAJ:

Name: Ima Rockstar

Date: 12/7/15

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U & 2nd R of RWCURAJ:

Name: Ima Rockstar

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1. You can infer that a grub is
  - a. the largest bee in a hive The passage doesn't mention the size of the bee
  - b. an especially hardworking bee The passage doesn't say the grubs are hardworking.
  - c. an early stage in the development of a bee
  - d. the only bee in the hive that collects pollen There is no mention of pollen.

I chose C because grubs are baby bees and "early stage of development" means something is brand new. I know the grubs are babies because the passage states that the worker bees "feed the jelly to the grubs" while other bees "build special cells for the queens to grow in." The passage also states that "the new queens hatch." All of these pieces of evidence are describing what people and some animals do with their babies. When my baby brother was born, my mom fed him with a bottle just like the bees feed the grubs with special jelly. He also had to stay in a crib instead of a regular bed just like the grubs have a special cell to grow in. Some baby animals "hatch" as well. Grown animals do not "hatch". Therefore a grub is "an early stage in the development of a bee", so my answer is C.

This is the justification method I require of my students. It is called the AEC.

A = Answer

E = Evidence (3 pieces are preferable, but not always necessary)

C = Connection (How does the evidence back up the answer?)

*NOTE: When you are using RWCURAJ in your own classroom, you can use different levels of justification requirements to suit your own teaching style, class time and student needs. For example: You can have them number their evidence in the passage with the corresponding question number they are answering using that evidence.*

A & J of RWCURAJ:

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*For inferences specifically, I have the students show me what they know and what they read to back up their answer:*

*Know: Babies get fed special food and sleep in special beds*

*Read: see evidence marked #1 in the passage*

*The main purpose of the justification is to get the students thinking critically about the information in the passage and using metacognition (thinking about their own thinking) to evaluate their answer choices.*

*You can also tailor the justification piece of RWCURAJ to fit in with your own teaching style and the individual students' learning styles and abilities.*