Learning About Bees: Maths Questions

Preparation: Before beginning this activity, cut out each of the hexagons in the Learning about bees - maths questions resource. You may consider pre-assigning the hexagons to students based on their maths achievement level.

This activity integrates mathematics skills with 'The Question' Thinker's Key to help develop students' rich questioning skills. It is an excellent break from the pattern of the teacher asking all of the questions. Students still need to demonstrate a solid knowledge base, which they can gain from reading the snippets of information on each of the hexagons.

Step 1. Give each student one "answer" hexagon and one blank "question" hexagon. Invite students to read the information on their "answer" hexagon. Students are required to solve a maths problem to complete the information on the hexagon. You may need to circulate amongst the class and ensure that each student has identified a strategy to complete the sum on their hexagon.

Step 2. Invite students to take their blank "question" hexagon and think more deeply around the bee fact on the "answer" hexagon. Students should start with the answer, and think of three questions that can be linked to that answer only.

For example:

The answer is: Only (4×0.5) 2 types of bees store honey.

1. How many types of bees store honey?

2. What do only 2 types of bees do that the rest don't do?

3. What do only two types of bees do with the honey they make?

Step 3. Once students have drafted their questions, invite them to select one only and write it on the blank "questions" hexagon, then using glue or tape, stick the question on top of the answer so that the question hexagon can be flipped to reveal the answer.

Step 4. Invite all students to stick the question/answer hexagons on the wall to create an information display, and give the class some time to read each other's questions, and the information they link to.

























































