

Icky Insects

Subject: Technology/Science
Grade: 1
Time: 40 minutes
Group: Whole group
Standards: NETS - Students 1a, 1b, 2b, 2c, 3a, 4a, and 6b.

Objective: Students will demonstrate the characteristics of insects.

Resources/Materials Needed:

Computer
Projector and/or SMART Board and components
SMART Notebook file: [science.notebook](#) (saved to your 'z' drive and Teachers drive for student access)
Internet sites:
<http://www.virtualinsectary.com>
<http://www.42explore.com/insects.htm>
<http://www.canteach.ca/elementary/songspoems44.html>
http://www.orkin.com/learningcenter/kids_and_teachers_games.aspx
<http://www.scholastic.com/magicschoolbus/games/bugs>

Activities/Procedures: Introduce the students to insects.

Discuss:

What is an insect?

Insects are small creatures (animal kingdom) with three pair of legs, a body with three main sections, and tough shell-like outer covering. Insects do not have a backbone. Most have one or two pair of wings and a pair of antennae.

Students will see photographs of insects from the site www.virtualinsectary.com. Teacher can read the short descriptions of the animals as they are shown on the board. Students will later draw in SMART Notebook a picture of their favorite insect they saw during the lesson.

Demonstrate:

Read "Every Insect" in the SMART Notebook file. Have students highlight important points about insects.

Every Insect

Every insect (ant, fly, bee)

Is divided into three:

One head, one chest, one stomach part.

Some have brains.

All have a heart.

Insects have no bones

No noses.

But with feelers they can smell

Dinner half a mile away.
Can your nose do half as well?
Also you'd be in a fix
With all those legs to manage: six.

Dorothy Aldis

Practice:

Allow students to open the SMART Notebook file. They should read the poem themselves, then answer the questions. After the questions are completed, they can draw their insect, keeping in mind all the things an insect does and does not have.

Closing: The final product will be poem about insects highlighted by the class that outlines the important components of insects, as well as individual drawings of insects to determine if the student understands insects. If students finish the insect, have them print or save to Student Drop folder for assessment. If time permits, allow students to go to websites for games.