



## Snowplows (Land)

**LENGTH:** One hour

**CURRICULUM:** Writing, Safety (Health), Art

**OBJECTIVES:** Student will identify the snowplow as a form of land transportation. The importance of safe driving near a snowplow will be stressed.

**EDUCATIONAL LEVEL:** Grades 3 - 4

### **MATERIALS:**

1. Video "Anatomy of a Snowplow" (10 minutes)
2. Snowplow and driver (provided by Mn/DOT)
3. paper
4. pencils

### **PROCEDURE:**

1. As winter approaches, discuss the snowplow and its purposes. Have students formulate questions about the snowplow and its job. Write the questions on a piece of paper.
2. Contact MN/DOT prior to the lesson and have a snowplow and driver come to the school for observation.
3. Observe the plow and the inside of the cab. Discuss the purpose and safety precautions necessary. Students may generate more questions.
4. Watch the video "Anatomy of a snowplow".
5. With the students in groups of four, have them list the things they learned about the snowplow and safety issues involved.
6. As an extension, groups of students could create a winter mural (including a snowplow) to decorate the hallway using 3' x 8' pieces of bulletin board paper. A safety message could be included on the mural.

### **POINTS TO DISCUSS:**

1. What would happen if we did not have snowplows?
2. Why is it important to drive cautiously when near a snowplow?
3. How does the salt that is used on highways to to clear them of ice and snow affect the vegetation and waterways?

### **Snowplow**

