

1st Grade
Taking a Closer Look at Controlled Lighting
How Long do the Lights stay on?



First grade teachers will discuss the significance of the lighting control system in their classroom.

First grade students will investigate five different areas of the school that have automated lighting controls.

Using stop watches and the chart provided students will chart their findings of the amount of time that the automated lighting systems allow room lights to remain on.

Once the students have recorded the time the light stays on, they will record their hypothesis as to why the time may be shorter or longer than another room.

Once the activity is complete the students and teacher will discuss their findings by using the classroom document camera so that all students can display their results.

Location	Time Light Stays On	Hypothesis
Our Classroom		
Principal Office		
Guidance Office		
Nurse's Office		
Instructional Kitchen		

Follow Up questions:

1. How do lighting control systems allow Snow Creek to save money on the electrical energy bill?
2. Compare the ideas of lights being controlled from the office and every classroom having their lights on at the same time versus the way it currently is where all classrooms have controlling switches.