

Kindergarten
When Do The Lights Come On?

Investigating the Energy Efficient Lighting in the Classrooms at Snow Creek Elementary
School

Kindergarten students will use positional and descriptive words upon entering their classroom with the objective to keep the lights from coming on!

Key Words: up, under, over, low, below, top, high, side, beside, around

Directions for completing the activity:

- 1) Have all students move into the hallway.
- 2) Turn the classroom lights off.
- 3) While standing outside the door, reach in the room and turn the light switch on High.
- 4) Have the students in small groups crawl into the room with the intention of not making the motion sensor lighting pick up their movements.
- 5) Repeat steps 1-4 with each additional group

Follow up Procedures:

- 1) Orally discuss with students the height at which the motion sensor picks up movement for the lights. (Use positional words)
- 2) Orally discuss with the students the reasons for motion sensors and energy efficiency.
- 3) Orally discuss with students the reasons that the motion sensors do not pick up movement that is lower to the floor. (use positional words)

Follow up Activity:

Students should draw a picture that details the light switch or crawling around the room. High, Off and Low position. (positional words)



