Date: 11-4-13 Lesson: 5B	Today, we will learn: 1. To analyze how given systems interact with each other, 2. To investigate electrical considerations in the school building, 3. To identify potential electrical hazards and safety precautions.
7:45-8:00	Bell Ringer/SBQ: You have bought a large pumpkin but you are not going to carve it into a Jack-O-Lantern (for obvious reasons). What else could you do with your pumpkin? List as many things as you can and be creative!
8:00-8:15	Word Work: circuit, current, direct current, switch
8:15-8:45	Lesson Review/Expectations: Review Electrical symbols and electrical safety.
8:45-10:00	Science Lesson: Electricity Scavenger Hunt Overview: 1. Review our discussion about electrical safety and the various precautions that have to be taken when working with electricity. 2. Begin brainstorming about which electrical features we want to have in our recreational centers. Make a list and share with your group members. 3. Create a class list of must-have electrical features for our rec. centers. 4. Update our Need to Know boards with our new information. 5. Complete the problem log questions on 5.3. Materials Needed: drawing paper, markers, worksheets
10:00-11:00	Investigations: Chart the electrical features required for our rec. centers.
11:00-11:30	Problem Log: Answer questions on worksheet 5.3
11:30-11:55	Wrap Up/Dismiss 4th Grade
12:00-12:35	Writing Work: Tell me about your Halloween. Did you celebrate? Did you dress up? Did you go trick-or-treating or did you stay home and give out candy? If you could have changed something about your Halloween, what would you have changed?
12:35-12:55	Share Time/Dismiss 5th grade

Daily Assessment: Worksheets, discussions, group participation, problem log questions

Gifted Standards Taught:

1. To understand the concept of systems.
2. To understand the nature of electricity.
3. To understand and apply the principles of basic experimental design.

Differentiation/Extension Ideas:

Students will engage in:

_Y_ Whole Group Instruction

_Y_ Cooperative Learning _Y_Worksheets

___Visuals/Technology _Y_Graphic Organizers

___Research/CompLab _Y_Learning Models

Notes: