Grade: One Subject: Science Date: December 7, 2015

**Goals/Key questions**

***Goals:***Questions: How do you build a chair? What materials do you need?

Students will learn how to build a chair for their elf houses.

**Objective (connected to PofS):**

GLO: 1–7:Construct objects and models of objects, using a variety of different materials

SLO: 1. Select appropriate materials, such as papers, plastics, woods; and design and build objects, based on the following kinds of construction tasks: construct model buildings; e.g., furniture

**Pre lesson Considerations**

**Lesson overview of main ideas to be learned and prelearning required:**

Students understand the different materials they could use and what is appropriate.

**Materials needed/preset up required/logistical considerations needed (seating arrangement):**

Elf house materials that students have brought in

Glue

tape

scissors

elf workbook

**Content:**

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|  | **What is the teacher doing?** | **What are the students doing?** |
| ***Introduction***  Time est: | Will have students come to the rectangle table. Will explain that we will be building chairs for our elves today. Will show a picture of a chair and ask students What is a chair used for? (sitting on) Does it need to be able to hold something/weight? (yes) What other kinds of chairs are there? (beanbag chairs, rocking chairs, recliners, highchairs etc.) “what does a chair need to have?” (4 legs, a seat, maybe a back rest) Will ask students if a chair needs to be sturdy or flexible? (sturdy) What could you build a chair out of that is here? (popsicle sticks, cardboard) Will ask what they think they need to hold their materials together? (glue, tape) | Students will answer questions accordingly. |
| **Transition considerations** |  |  |
| **Activity 1**  Time est: | Will have students each begin to build their own chair out of whatever they think is the best material to build with out of the materials provided. Students will build a chair. | Students will build a chair out of the materials provided. |
| **Transition considerations** |  |  |
| **Activity 2**  Time Est: | Will have students clean up their area and work on their workbook. They will draw the piece of furniture they built and will write all of the materials they used to build it and why they chose those materials. If there is time they will label the parts of the chair. | Students will draw their piece of furniture and write what they used to build it. |
| **Conclusio**s**n** | Will have students share their piece of furniture they built and explain what they used to build it and why to the rest of the class. | Students will share their piece of furniture and will explain what they used to build it and why. |

Assessment: Observation & Conversation: Will observe to see if the students included the proper features of their piece of furniture (ex. Legs, seat, back) and whether they used appropriate materials for the purpose of the object.

Accommodations/Modifications: Will work with students one on one if they are struggling and will help provide prompts to get them thinking about what they could use.

Extension and extra time activity: Students will colour and label their pictures they drew in their elf booklet.