Fine Motor Lesson Plan: Design a Dwelling  
Length: 5 days, 40 minutes/day

Age or Grade Intended: 4th Grade

Academic Standard(s):
- Math 4.4.1 - Identify, describe, and draw rays, right angles, acute angles, obtuse angles, and straight angles using appropriate mathematical tools and technology.
- History 4.1.2 - Identify and describe historic Indian groups that lived in the region that became Indiana at the time of early European exploration and settlement in the seventeenth century.
  
Example: The Miami, Shawnee, Potawatomi, and Lenape (Delaware).

Performance Objectives:
- Given a picture of a dwelling, students will create a blueprint to use in order to replicate a dwelling, with 100% accuracy.
- Given art supplies, students will create a replica (in miniature) of a dwelling of the Native American group of their choice with 100% accuracy.

Advanced Preparation by Teacher:
- Provide art supplies for all students, print out pictures/provide book to reference for each Native American group.

Procedure:
- **Introduction/Motivation:**
  
Talk about homes, what type of home do you live in? How are homes alike? How are homes different? What is your home made of?

- **Step-by-Step Plan:**
  
Day One- Locate a picture to create a blueprint.
Day Two- Create a blueprint, using appropriate tools and measurements
Day Three/Four/Five-Use the blueprint and materials provided to create the dwelling.

- **Closure:**

In groups of 4, share about your dwelling. Talk about what Native American group it represents, as well as challenges and triumphs of creating a replica. Display all dwellings in art case in front of the school.

Adaptations/Enrichment:
- **Adaptations:**
  
Students with ADHD/ED can work on the project at their own pace; allow extra time and assistance if needed. ADHD/ED students will also be allowed to work in the resource room, beyond the allotted 40 minutes/day if needed.

- **Enrichments:**

Students will create the backdrop for the display case.
Bloom’s Questions:

**Application:** How did you construct your dwelling?

**Synthesis:** How could this dwelling be modified to be more secure/what changes would you make?

Gardners’ Multiple Intelligences:

**Visual:** Creation of dwelling and blueprint.

**Intrapersonal:** Creating one’s blueprint and dwelling.

Self-Reflection:

What are the benefits/problems with a 5-day long project?

What are the behavioral issues with students working independently?

What could be done to improve the activity for the future?