**Lesson Cycle (Gradual Release of Responsibility)**

**Lesson Title/Topic: 5 & 6th Grades/Architect Career Choice**

**Standards: CCRS – Mathematics III.D.1.a.**

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| **Lesson Objectives:** Student will receive architectural career information and complete a sample floor plan. |
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| **Materials:** Display board with examples of renderings and floor plans Graph paper Blueprint Symbols page Pencils and rulers  |

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| **The teacher will:** | **The student will:** |
| **Focus:**Review the Architecture display and hand out Architect Career Path page to students.Provide information and go over what’s posted on the display about schooling, training, salary and career choices. | Review Architecture display and Architect Career Path page. Ask questions for teacher who will provide information about architecture as a professionTeacher checks their knowledge before letting them know each listed information. |
| **Teacher Input (I Do):**Have students get materials for floor plan drawing: pencil, graph paper and ruler.Explain scaling and start floor plan. Give steps during drawings.  | Get materials needed to draw floor plan of a home on graph paper. Start with exterior, then interior walls, windows and doors. |
| **Guided Practice (We Do):**Have students complete floor plan explaining steps between exterior wall, interior walls, windows and doors. | Draw a scale of a floor plan of a one-bedroom home on graph paper. Follow the steps of exterior, interior walls, windows and doors. |
| **Independent Practice (You Do):**When students are finishing scaling of one-bedroom floor plan pass out blueprint symbols of appliances and home furnishings. | Students will work with partners to complete floor plans. Work together on blueprint symbols to add in the home. |
| **Closure:**As for a thumbs up or down for interest in career as an Architect. | Have students answer with using thumbs up or down to choosing career as an Architect. |

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| ***Bloom’s Level(s)****Creativity – Students create their floor plan and rendering for dream home.* |  ***Technology Integration****Identify internet sources that contain career information related to architecture.* |
| ***Extension:****Students can use research skills in additional* *career searchers on the Internet.* | ***Reteach:****Teacher will give bird’s eye view explanation of floor plan to aid in visionary standpoint. Teacher will make a list of steps to complete a floor plan.* |

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| **Accommodations / Modifications:**According to students IEP/504 plan |  **References:**  |