**Name: Carinna Coletti**

**Lesson Plan Template**

**Lesson Segment Focus: Operations and Algebraic Thinking Lesson 2 of 5**

**Course & topic addressed: Parentheses and Multiplication, Addition, and Subtraction Date: 11-9-18 Grade: 5th**

**Student Outcomes**

|  |  |
| --- | --- |
| Specific learning objectives for this lesson. | Students will be able to understand how grouping symbols affect a single problem with multiple expressions in it. |
| Describe the connection to previous lessons. (Prior knowledge of students this builds upon) | Students have prior knowledge about multiplication, addition, and subtraction. We have also discussed how parentheses, brackets, and braces affect problems, but this will be the first time students get an opportunity to apply their knowledge to real problems. |
| Knowledge of students background (personal, cultural, or community assets) | A few of my students have parents who are math teachers in this school district, so they might have previous knowledge about this. |

**State Academic Content Standards**

|  |  |
| --- | --- |
| List the state academic content standards with which this lesson is aligned. Include state abbreviation and number & text of the standard. | AR.Math.Content.5.OA.A.1 Use grouping symbols including parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols. |

**Academic Language Support**

|  |  |
| --- | --- |
| What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning?  What will you do to provide varying supports for students at different levels of academic language development? | Students will be able to use their technology and adjust it to their skill level. There is also other assistance available. |

Key Vocabulary

|  |  |
| --- | --- |
| What vocabulary terms/content specific terminology must be addressed for students to master the lesson? | Multiplication, subtraction, parentheses, brackets, braces, numerical, evaluate |

Materials

|  |  |
| --- | --- |
| Materials needed by teacher for **this lesson**. |  |
| Materials needed by students for **this lesson**. | Internet connected device, log-in for App, Prodigy Math Games app |

**Lesson Timeline with Instructional Strategies & Learning Tasks (This should be VERY DETAILED)**

| **Amount of Time** | **Teaching & Learning Activities** | **Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.** |
| --- | --- | --- |
| 5 Minutes | **Introduction**:  Teacher will introduce app and show students which area to click. Check for understanding | Teacher shows app and leads students through finding the correct area they will be working on. Students will log-on and follow teacher’s instruction. |
| 30-40 minutes | Instruction:  Students will be working on the problems on the app, using their knowledge to learn and adjust their skill level as necessary. | Teacher will be grading work and is available for questions or problems. Students will be working on the app, playing games that apply and asking questions as needed. |
| 5 Minutes | **Closure:**  Students will post their scores to the homework page for grading. | Teacher will let students know that time is up and let them finish the rest of their section. Students will take screenshot of scores and publish to the homework page for grading. |

**Accommodations/Modifications**

|  |  |
| --- | --- |
| How might I modify instruction for:  Remediation?  Intervention?  IEP/504?  LEP/ESL? | Students will be able to adjust the language if they need to. Students can also adjust the skill level. Students will be able to use their assistive technology if necessary. |

**Differentiation:**

|  |  |
| --- | --- |
| How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met? | **Because we are using this app, students will be able to change skill levels/etc in order to learn however they need.** |

**Assessments: Formative and/or Summative**

|  |  |  |
| --- | --- | --- |
| Describe the tools/procedures that will be used in this lesson to monitor students’ learning of the lesson objective/s (include type of assessment & what is assessed). | ☐ Formative /☐ Summative |  |
| ☐ Formative /☐ Summative |  |
| ☐ Formative /☐ Summative |  |

**Research/Theory**

|  |  |
| --- | --- |
| Identify theories or research that supports the approach you used. |  |

**Lesson Reflection/Evaluation**

|  |  |
| --- | --- |
| What went well?  What changes should be made?  How will I use assessment data for next steps? | *TO BE FILLED IN AFTER TEACHING* |

Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

\*adapted from: <http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1ZoJ:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us>; <http://www.moreheadstate.edu/getmedia/cd3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx>; <http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx>;<https://www.uwsp.edu/education/Documents/edTPA/Resource12.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx>