**Lesson Plan: Exam Review by using a Math Game (2 classes) Teachers: Amarah Ishaque, Wardah Ishaque, and Bassem Kandil**

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| Subject/Grade | Mathematics Grade 9 |
| Unit | Examination Review: - Expressions & Equations  - Polynomials & Nonlinear  - Radical & Rational. |

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| Objective/Expectations |
| **By the end of this course, students will:**  • demonstrate an understanding of the exponent rules of multiplication and division, and apply them to  simplify expressions;  • manipulate numerical and polynomial expressions, and solve first-degree equations.  • apply data-management techniques to investigate relationships between two variables;  • demonstrate an understanding of the characteristics of a linear relation;  • connect various representations of a linear relation determine the relationship between the form of an  equation and the shape of its graph with respect to linearity and non-linearity;  • determine, through investigation, the properties of the slope and y-intercept of a linear relation;  • solve problems involving linear relations. |

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| Handouts/Materials/Equipment |
| 1. Anticipation Guide sheet. 2. Math game board 3. 4 papers and 4 pencils |

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| Lesson |
| 1. Review Expressions & Equations. 2. Review Polynomials & Nonlinear. 3. Review Radical & Rational. 4. Questions / Answers. 5. Anticipation Guide. 6. Explain Rules and procedures of the game. 7. Show Picture. 8. Show Videos. 9. Show how to play it on smart board. 10. In class Activity: Playing the Math Game on the board. 11. Students’ reflection on the lesson. |

**Procedure:**

1. The lesson will start by checking if students have any questions regarding Expressions & Equations, Polynomials & Nonlinear, and Radical & Rational from previous review class.
2. After that we will talk about having a fun class to review and have an activity without mentioning anything regarding math game to make them wonder what the activity is.
3. The anticipation guide will be given to students to fill up and answer the questions.
4. We will introduce the Math game to them.
5. We will go over the rules and procedures.
6. Divide the class to groups of 2, 3, or 4 students (based on the number of students).
7. Start playing the game until 5 minutes before the class finish cleaning up and organize the class for next class.
8. Declare the winners names.

Assessments:

Since this lesson is a part of the Math review for the final examination, there will not be any evaluations or assessments regarding this activity.