**Information & Expectations 2016-2017**

**Course: Math 7/8**

**Teacher: Mr. Smith**

**Dixon “I Can” Statements**

**Math 7H**

**2016-2017**

* I can compute fluently with integers.
* I can compute fluently with rational numbers.
* I can recognize and represent proportional relationships between two quantities.
* I can use proportions to solve multi-step problems.
* I can write and solve one and two-step equations.
* I can write and solve one and two-step inequalities.
* I can solve problems involving scale drawings of geometric figures.
* I can solve equations using angle relationships.
* I can solve problems involving area, volume and surface area of two and three-dimensional figures.
* I can compare data on two populations and make inferences from the data.
* I can use probability to predict simple and compound real world events.

**Dixon “I Can” Statements**

**Math 8H**

**2016-2017**

* 1 I can classify real numbers. (Mod 1)
* 2 I can simplify problems with exponents and work with scientific notation. (Mod 2)
* 3 I can identify, interpret, and represent proportional and non-proportional linear

relationships. (Mod 3, 4 and 5)

* 4 I can construct and interpret scatter plots. (Mod 14)
* 5 I can identify and analyze functions. (Mod 6)
* 6 I can solve multi-step equations. (Mod 7)
* 7 I can analyze and solve systems of linear equations. (Mod 8)
* 8 I can describe the properties of translations, rotations, reflections and dilations on

two-dimensional figures and explain congruence and similarity using models

(Mod 9, 10)

* 9 I can identify angle relationships made with parallel lines and a transversal and apply

the Pythagorean theorem to solve problems. (Mod 11, 12)

* 10 I can solve problems involving volumes of cylinders, cones and spheres. (Mod 13)
* 11 I can construct and interpret 2-way tables. (Mod 15)

**Assignments: Assignments will be due the following day of the lesson. They will make up 30% of grade.**

**Tests: Tests and Quizzes will make up 70% of class total.**

**Grade Scale: A 94-100 A- 90-93 B+ 87-89 B 83-86**

**B- 80-82 C+ 77-79 C 73-76 C- 70-73**

**D+ 67-69 D 63-66 D- 60-62 I Below 60**

**Discipline: I Believe that all students have a right to learn in a productive environment. I will work with each student to help him or her understand his or her role. School Policies will be followed.**