# Math Grade 6 and 7 FI, Barrieau
# Harkins Middle School

## Assessment Triangulation

Conversations, Observations, Products

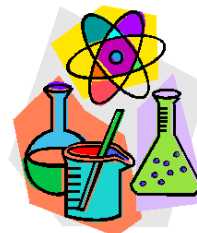## Year Outline, Grade 6

| Grade 6 | Outcomes Addressed | Proposed Order | Suggested Time | End Date Guidelines |
|---|---|---|---|---|
| Chapter 2 | N7 | Understand integers | 5 weeks | Oct |
| | N1 | Understand place value greater than millions | | |
| | N2 | Solve problems involving large numbers with calculators | | |
| | N3 | Factors, multiples, prime and composite numbers | | |
| | N9 | Order of operations (excluding exponents) | | |
| Chapter 1 | SS8 | Identify and plot points | 4 weeks | Nov |
| | PR1 | Relationships and Patterns within Tables of Values | | |
| | PR3 | Represent generalizations with expressions and equations | | |
| | PR2 | Represent and describe patterns using tables and graphs | | |
| | SP1 | Create, label and interpret line graphs | | |
| Chapter 3 | N1 | Understand place value less than thousandths | 4 weeks | Dec |
| | N8 | Multiplication and Division of Decimals | | |
| Chapter 5 | N4 | Relate improper fractions to mixed numbers | 5 weeks | Feb |
| | N5 | Understanding of ratio | | |
| | N6 | Understanding of percent | | |
| Chapter 3 Chapter 7 | SP2 | Understand methods for collection of data | 4 weeks | Mar |
| | SP3 | Graph collected data and analyze | | |
| | SP4 | Understand sample space and difference between experimental and theoretical probability | | |
| Chapter 6 | PR4 | Understand preservation of equality | 4 weeks | April |
| | SS1 | Demonstrate an understanding of angles | | |
| | SS2 | Sum of interior angles of triangles and quadrilaterals | | |
| | SS4 | Classify triangles by size of angles and # of equal sides | | |
| Chapter 6 | SS5 | Compare and contrast regular and irregular polygons | 3 weeks | Apr |
| | SS3 | Develop and apply formulas for perimeter of polygons, area of rectangles and volume of right rectangular prisms | | |
| Chapter 8 | SS9 | Transformations on a coordinate plane | 3 weeks | May |

## Year Outline, Grade 7

| Grade 7 | Outcomes Addressed | Proposed Order | Suggested Time | End Date Guidelines |
|---|---|---|---|---|
| Chapter 2 | N6 | Add and Subtract Integers | 3 weeks | Oct |
| | N1 | Divisibility Rules | | |
| Chapter 7 | SP1 | Mean, Median, Mode and Range | 2 weeks | Oct |
| | SP2 | Effect of Outliers on Mean, Median and Mode | | |
| Chapter 1 | PR1 | Determine expression (linear relation) from a pattern | 3 weeks | Nov |
| | PR5 | Evaluate an expression given values | | |
| | PR2 | Linear Relation>Table of Values>Graph | | |
| Chapter 3 | N4 | Terminating and Repeating Decimals as Fractions | 5 weeks | Dec |
| | N7 | Comparing and Ordering Fractions, Decimals, Whole Numbers | | |
| | N2 | Operations with Decimals | | |
| Chapter 5 | N5 | Addition and Subtraction of fractions | 5 weeks | Feb |
| Chapter 3 Chapter 7 | N3 | Percent Problems | 4 weeks | Mar |
| | SP5 | Understanding Sample Space | | |
| | SP4 | Probability as Ratios, Fractions and Percent | | |
| | SP6 | Compare Theoretical to Experimental Probabilities | | |
| Chapter 6 | PR4 | Difference between Expressions and Equations | 4 weeks | April |
| | PR3 | Preservation of Equality (Maintaining Balance) | | |
| | PR6 | Equations of form $x + a = b$ | | |
| | PR7 | Equations of form $ax + b = c,\ ax = b,\ \frac{x}{a} = b$ | | |
| Chapter 4 | SS1 | Circles (radius, diameter, circumference, $\pi$) | 3 weeks | Apr |
| | SP3 | Circle Graphs (construct and interpret) | | |
| | SS3 | Parallel/Perpendicular lines, Line/Angle Bisectors | | |
| | SS2 | Area of Triangles, Parallelograms, Circles | | |
| Chapter 8 | SS4 | Points on a Cartesian plane | 3 weeks | May |
| | SS5 | Transformations (translations, reflections, rotations) | | |

# Science Grade 6 FI, Barrieau
# Harkins Middle School

**Assessment Triangulation**
Conversations, Observations, Products

**Primary Resources:**
Science Skills Document 2015
Atlantic Canada Science Curriculum
Pan Canadian Science Place
Science Packets (ASDN & Provincial)

**Science Year Outline:**
Scientific literacy and skills, acquired under the following themes:

|  | 6&7 |
|---|---|
| Term 1 | La diversité de la vie + Skills |
| Term 2 | La diversité de la vie + Science Fair + Skills |
| Term 2-3 | Le vol + Science Fair + Skills |
| Term 3-4 | Le vol + Skills |

**Teacher Contact:**
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Teacher Page: http://maa.nbed.nb.ca/teacher/ms-barrieau
MAA FB Page: https://www.facebook.com/maxaitkenacademy/
Resource Time: Wednesday, period 6

## Student Tips for Success in Ms Barrieau's Math & Science

- Math facts: They are the basis for almost every concept.  Here are some websites to practice…it only takes 5 minutes a day! :
http://maa.nbed.nb.ca/ms-barrieau/document/dear-parents-multiplication-facts

- Be proactive by staying on top of practice work (you can do most all homework in class and during enhancement), ask questions, use your allies (Teacher & Peers)

- Stay organized by writing down homework, upcoming assignments and by **checking my Teacher Page**

- Do corrections to regain half marks!  I welcome this for most all assignments and test!

- Stay positive! You can do this! ☺

Ms Barrieau