## Grade 6 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Quantity Relationships	
Activity	Description
Fraction Action!  Fraction Action  Fraction allow us to represent parts of a whole. Use your cursor to roll over the parts of the fraction.  1 3  Resource ID: ELO1413900	Build understanding of fractional parts and wholes by comparing fractions with like and unlike denominators using virtual fraction strips.
Madame Chance and Her Predict-A-Ball  Madame Chance and Her  PREDICT-A-BALL  Resource ID: ELO1411400	Build understanding of decimal number representations using a value from the range of 0 to 1 by representing the theoretical probability of different events.
Probability at the School Raffle  SCHOOL RAFFLE  Resource ID: ELO1411380	Build understanding of theoretical probability by investigating winning different raffle scenarios. Practise representing theoretical probability as a ratio of the number of favourable outcomes to the total number of possible outcomes.
Rock, Paper, Scissors!  Tree Diagram  Tree diagrams are part for displancy and of the possible extremes a send of fleets, Paper, Scissors.  In any road, you could job apart, note, we sissors. For each of fleets, Paper and the sense of exposure might conter with note, paper, or existors. For your displance, or existors. For each of fleets, Paper and the sense of exposure might conter with note, paper, or existors. For each of fleets, Paper and the content of fleets.  Paper Book  Paper Book  Paper Book  Paper Book  Rock  Paper Book  Rock  Paper Book  Rock  Scissors Paper  Scissors Pape	Build understanding of theoretical probability by investigating possible outcomes in a game of Rock, Paper, Scissors. Practise representing theoretical probability as a ratio by using Tree Diagrams to predict the frequency of certain outcomes in relation to all possible outcomes.

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Operational Sense	
Activity	Description
Witch Units Part 2 - Converting from Large to Small Units  **Ditch Zinits** Part 2: Converting from Large to Small Units*  Witches like to buy all of their supplies and greceries in bulk quantities, so they don't have to make a bunch of rige to tin public. Think about its when was the last time you saw a witch bear? Exectly.  Anyway, as To easile, an entiry eight convert from blug units to mail units to enable and the witch's staff is in big metric units. This means, Twe get to convert from blug units to antill units to enable one means you just have to multiply by ten for every smaller unit you need. Click Next to see what I mean.  Resource ID: ELO1414690	Build understanding of multiplying and dividing decimal numbers by converting metric units to smaller units to help Buster Bear navigate a witch's castle and return to his original size with the help of the 'size-restoration portion'.
Proportional R	  elationships
Activity	Description
Hockey Ratio Madness  The Land of Lakes School hockey learn works to take home the gold trophy at the district loomement. Can they do in Check cot the learn statistics and make your prediction. Then waich the team head out onto the loa for their final game.  Resource ID: ELO1413590	Build understanding of ratios, fractions, and lowest terms by using hockey statistics to explore goals scored versus shots on net.
Rate My Unit Rate    Index   I	Build understanding of unit rates by finding equal shares to create a unit rate. Then identify better rates of pay and better buys.
Remarkable Ratios  Remarkable Ratios  Now that you have the hang of ratios, left, negton, exclude ratios (insight that have been before come and the small coins, the first basket and arrest coins into the right basket. Find the ratio of large to small coins that balances the scale.  1 : 2  Resource ID: ELO1414310	Build understanding of part:part and part:whole ratios by comparing real-life situations including juice dilutions, recycling, and bicycle gears.