## Grade 6 Geometry and Spatial Sense Ontario Educational Resources Bank (OERB) Activities

Geometric Properties	
Activity	Description
The Q.U.A.D. Squad  Quadrilateral Description  All sides have the same length.  All interior angles are right angles.  There are two sets of parallel sides.  UP (QOWN) HEEP  Cash the UP and DOWN bustoms to find a description of the quadrilateral bust you would then be make. Once you have made a quadrilateral bustom or one of the foundates it descriptions (life her best bustoms.)  Type down have the managing of the word, cit's on the fifth buttom as less sense halpful battom.  Resource ID: ELO1411370	Build understanding of the properties of quadrilaterals by using clues to construct and classify a variety of quadrilaterals.
Zoo Trip Angles  Click on the protractor to measure your angle.  Angle type: right acute obtuse straight  Resource ID: ELO1411720	Practise creating and identifying different types of angles by using a virtual protractor.
Location and Movement	
Activity	Description
Where is Everything Located?  The reads to give her friend Nethoda directions from her house to her achood. She has come up with three different way of getting to her achood. Cold on each of her addeds to be trade different abuse.  A. Walk not three blooks part the baseded the school.  B. Walk right at blooks. Then walk up three blooks to the school.  C. Walk right fact blooks and up three blooks and up three blooks. Then walk right hos blooks to the school.  Resource ID: ELLO1408720	Build understanding of a coordinate system by identifying a location given an ordered pair.
Transformations	
Activity	Description
Secret Agent Training - Unlocking the Enemy's Secrets with Rotational Symmetry  Now, let's practice before your test than the order of rotational symmetry of this shape and then enter the number in the data box.  The order of rotational symmetry of this rectangle is:  Resource ID: ELO1410730	Build understanding of order of rotational symmetry by rotating different polygons.

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Transformations (Continued)	
Activity	Description
Transformations All Around Us!  Let's see if you can identify the type of piece of stained glasses. Click on the order transformers. If you are unsure and need a hart, click on the Hirt button.  Resource ID: ELO1411720	Practise identifying transformations by analyzing patterns in designs for rotations, reflections and translations.