Class plan

Similar triangles

1. Introduction to us - name, age etc.
2. Triangle game - students are given triangles to match with, the only instruction is to match the triangles, our aim is to see if students can discover similar triangles
3. Introduction into similar triangles
   o What are similar triangles? We are going to use the triangles from the game to explain what similar triangles are
   o And how do we recognize these similar triangles? All three angles are equal in triangles, but the sides are in proportion. They are not the same length but the match up.
4. Explaining triangles
   o In similar or equiangular triangles, all three angles in one triangle have the same measure as the corresponding three angles in the other triangle.
5. The scale ratio of triangles
   o An example of finding the ratio
   o Three examples for the students to work through themselves
6. The ratio of the sides
   o Showing examples on the power point

- o Worksheet for students to complete
7. Showing real life examples of similar triangles - Looking at a lighthouse and ship example on the power point
8. Real life problems – (handouts)- 3 questions regarding similar triangles and one in relation to ratio of the sides
9. Kahoot
10. Answering questions