**Fish forever**

**Maths statistics – To follow lesson 3**

**Warm up (simple maths warm up)**

**Main lesson (50 mins):**

**Divide students into groups of 3 or 4. Each group is given a type of marine fauna/flora to collect data on. Do a virtual tour of a marine reserve online. During virtual tour students will tally up the amount of different species they see within their given flora/fauna and record on a tally chart.**

**Once tour is over all groups are to add up their tally for each species and tally for their group overall.**

**As a class add up the overall total from each group. Groups then figure out what percentage of the marine reserve is made up of their particular flora/fauna and of their different species within their group.**

**They must then choose and develop a way of displaying their data. E.g. pie chart, bar/scatter graph etc…**

**Plenary:**

**If time briefly present their findings to the class.**

**Maths geometry/art – shapes in marine reserves**

**Main lesson: 50 mins**

**As class look at images of the nature that inhabits marine reserves and use their own knowledge to discuss what can be seen there; also look at and discuss man-made objects that can be found there.**

**Discuss what shapes can be found in these objects, fauna, flora and natural formations.**

**Students individually develop a picture that represents how they see marine reserves (drawing/painting/collage) made up using the different shapes found. Shapes should be accurately drawn.**

**Under the picture they list the name of the shapes used in their picture.**

**Images:**