**Lesson 5 – The Great Ocean Plastic Problem**

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|  | | Subject: Geography/Science | Year: (Suitable for any KS2 class) | | Class: |
| Date: | Day: | | Time/session: |
| **Topic: Litter** | | | | Links to National Curriculum:  KS1: Geography – continents and oceans (should be revision)  KS2: Geography – identifying key aspects of physical geography, using maps  Yr4 Science: environmental change | |
| Learning objectives:  To understand and explore solutions to the great ocean plastic problem | | | | | |
| Time | Lesson structure | | | Teacher notes/structure | |
|  | Starter:  Take the children outside – to recreate a map of the world. | | | Can they remember where the continents and oceans are?  The Ocean Gyres could be drawn out into a science or geography book. Worksheets are available as part of this pack.  Be positive – your students can be the change – some of them may have ideas that can change the world.  Take their ideas – something that sounds crazy now may be the solution in the future… | |
| Lesson:  Learn about ocean gyres and why plastic is collecting in them  Microplastics in our food chains  Some of the things happening to clean up our oceans – see videos on Great Ocean Cleanup, #2minutebeachclean, plastic solar ovens  What can we do? | | |
| Plenary:  Take the children outside – to recreate a map of the world with the ocean gyres in the right places between the continents. Maybe they could play ring-a-ring-a-roses with some new ocean relevant words… | | |
| Differentiation:  Use different versions of the worksheet for different ability groups.  Use a Word Bank for less able groups. | | | | | |
| Links to literacy/numeracy:  Understanding large numbers – revise hundreds, thousands, millions, billions  Can they work out how much plastic their family uses?  Talking and listening | | | | Key words/terms:  Litter; Marine litter; Gyres; Circulation; Currents; Ocean plastics | |
| Resources:  Powerpoint  Worksheet | | | | Homework:  Worksheet completion for homework.  Implementing change in their own homes | |