**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 mapsYr4 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 themMicroplastics in our food chainsSome of the things happening to clean up our oceans – see videos on Great Ocean Cleanup, #2minutebeachclean, plastic solar ovensWhat 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, billionsCan they work out how much plastic their family uses?Talking and listening | Key words/terms:Litter; Marine litter; Gyres; Circulation; Currents; Ocean plastics |
| Resources:PowerpointWorksheet | Homework:Worksheet completion for homework.Implementing change in their own homes |