

# Plastic Bottle Boat Challenge Lesson Plan

<b>Teacher:</b> Mrs Mason	<b>School:</b> St James CE Primary Academy	<b>Country:</b> England
<b>Main Issue Covered:</b> Sustainability	<b>Age of Children:</b> year 5 9-10	
<b>Curriculum Objectives Covered:</b> PSHE: responsibility for actions		
<b>Intended learning:</b> children to understand how we can sustain the world we live in by our actions.		
<b>Description of learning activities</b>		
<b>Starter:</b> What does sustainability mean to you? Display the question on the board and ask children to think on their own. Now share their idea with their partner. Discuss these ideas as a class. <a href="https://www.youtube.com/watch?v=gTamnlXbgqc">https://www.youtube.com/watch?v=gTamnlXbgqc</a> Show children the yt clip from beginning until – 1.04		
<b>Main:</b> Ask the children to mind map on their sugar paper all the bad things we do to the environment. How our actions have a negative impact on the environment – ask children to share these ideas on their tables. Do these negative impacts relate to plastics? What do we use plastics for? <a href="https://www.youtube.com/watch?v=gTamnlXbgqc">https://www.youtube.com/watch?v=gTamnlXbgqc</a> same yt clip 1.04 – 1.48  What could we do to have a positive impact on our environment? How could we use plastics less? Would this help to encourage a more positive impact on our environment? On the back of their sugar paper, ask children to think about the question: <i>How could we use plastics less?</i> Prompt them with ideas such as; use reusable cups instead of disposable ones for coffee/tea/water. What other ideas can they think of?  Ask them to be creative as possible? Could their idea be something new and revolutionary? <a href="https://www.youtube.com/watch?v=gTamnlXbgqc">https://www.youtube.com/watch?v=gTamnlXbgqc</a> same yt video 1.48 until end		
<b>Plenary/ Reflection:</b> Show children the picture of a hand holding a city. Ask them to think about what this means to them?		

## Resources

Sugar paper for mind mapping

Coloured pens

Youtube link for lesson

<https://www.youtube.com/watch?v=gTamnlXbggc>

Additional videos to share if time.

<https://www.youtube.com/watch?v=B5NiTN0chj0>

<https://www.youtube.com/watch?v=7V8oFI4GYMY>

Notebook for the lesson –in resources folder

Sustainability resource sheet for children to take away.

## Extension/Support Opportunities

Children to be supported with word bank of ideas and terminology to be used when mind mapping in a group

Extn: can children create a poster advertising their sustainability idea

