ART X POLLUTION

Age Range:	7th to 9th (Ages 11-13)		
Subject:	Art	Lessons: 2	United in Biodiversity -**Pollution**
Topic:	Seven R's Workshop - Upcycling Art and Environmental Education		
Lessons focus and goals:	**Focus:** Students are encouraged to make informed waste management choices and empowered to advocate for environmental change through art and hands-on activities. The workshop fosters practical upcycling skills and awareness of environmental and biodiversity impacts. **Goals**: ● Provide students with a thorough grasp of waste management principles, focusing on the Seven R's: Reduce, Reuse, Recycle, Refuse, Repair, Rethink, and Upcycle. ● Emphasise upcycling as a key component, aiming to expand beyond traditional waste management approaches.		
Learning objectives:	*Students will be enabled to:* ● Investigate and comprehend the principles of the Seven R's, gaining a strong understanding of how each concept contributes to responsible waste management. ● Create upcycled art projects from materials collected during cleanups, enhancing their artistic skills and applying the Seven R's principles practically.		
Materials	- Collected materials from a cleanup (plastic bottles, tin cans, bottle caps, milk jugs, newspapers, etc.) - Art supplies (glue, scissors, paints, brushes, etc.) - Examples of art using recycled materials **Note:** Ensure that all materials are thoroughly cleaned before use, and students should be mindful of safety precautions during the art-making process.		
Differentiation	-Students are put into mixed ability groups -Questioning -Instructions are kept simple and repeated where necessary		
Digital tools	- Photography: students to photograph their works and process to share in the community - Olio/local sharing groups: encourage students to explore this app and local online groups for sharing materials to avoid waste		

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Structure and activities	**Introduction** (30 minutes): **Discussion:** Introduce the students to the 7 Rs of Waste Management. This video can also be used to teach the concept. Discuss what steps students take at home and at school. Are there any initiatives in their wider community that encourages the 7 Rs? What steps can they take individually to address the 7Rs? To discuss why the 7Rs are important, show an example of how poor waste management pollutes our oceans, impacting biodiversity. Online resources: The consequences of inefficient waste management on our oceans Videos: Plastic Pollution The journey of plastic The Danger of Plastic Pollution | WWF-Australia WWF report warns annihilation of wildlife threatens civilisation Examples: You can use these examples, or showcase ones from your local community. Ghana's Plastic Upcycling Innovators Cork Clothes Swap - an initiative encouraging reuse and swapping of clothes, engaging the community to share with each other instead of throwing things away. Skibbereen taking on food waste - a community initiative using food waste for a community garden Olio - an app to share food and household items in your local community Change Clothes Dublin - an example of clothing repair workshops Washed Ashore - an art project creating sculptures from ocean waste Explain the concept of upcycling and its distinction from recycling. Showcase examples of upcycled art projects to inspire creativity. The Examples of art using recycled materials slides can be used as examples and to discuss materials and methods. **Project Selection and Planning** (15 minutes)**:** Provide project ideas with specific materials (plastic bottles, tin cans, bottle caps, milk jugs, newspapers, etc.). Allow students to work in groups to decide on a design and to select the materials they will need.

	They will create a piece of art representing the 7Rs, and why they are important. **Creation of Upcycled Art** (90 minutes): Students work on their selected upcycled art projects, applying the principles of the Seven R's. Encourage creativity, innovation, and attention to detail. **Gallery Walk and Presentation** (15 minutes)**:** Organise a gallery walk where students present their upcycled art projects to the class. Emphasise the use of collected materials and the environmental message conveyed. **Follow-up:** - Organise an exhibition of the work to showcase it in the local community and with parents, to raise awareness about pollution - Photograph the works to share on social media, in newsletters and on your school website.

Assessment based on the presentation of their work.

	Initiating	Develpoing	Excelling
Description of performance	**LO 1:** The student is actively investigating the Seven R's principles, demonstrating an emerging understanding of their contributions to responsible waste management through coursework and initial research. **LO 2:** The student is beginning to create upcycled art projects using materials from cleanups. They demonstrate growing artistic skills and are starting to apply the Seven R's principles in their projects.	**LO 1:** The student comprehensively understands the principles of the Seven R's, articulating how each concept contributes to responsible waste management in practical scenarios and discussions, showing proficiency in applying these principles. **LO 2:** The student creates upcycled art projects from cleanup materials, showing developed artistic skills. They effectively apply the Seven R's principles, demonstrating creativity	**LO 1:** The student not only understands but also innovatively applies the Seven R's principles, demonstrating leadership in advocating for responsible waste management practices, and contributing advanced insights through research or project initiatives. **LO 2**: The student excels in creating complex upcycled art projects from cleanup materials, showcasing advanced artistic skills

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		and practicality in their work.	and innovation. They demonstrate a deep understanding and application of the Seven R's principles, integrating sustainability seamlessly into their artwork.