ÉCOLE PRIMAIRE CARLYLE ELEMENTARY SCHOOL
ÉCOLE DU MONDE • IB WORLD SCHOOL

Commission scolaire English-Montréal
English Montreal School Board

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How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and the environment.

How the World Works

Materials can undergo permanent/temporary changes which pose challenges and provides benefits for society and the environment.

Line of Inquiry	Key Concept
Properties of material	Form
How materials change	Change
Ethical dilemmas associated with manufacturing processes and by-products	Responsibility

Formative Assessment (For each line of Inquiry)	**Summative Assessment**
Form Through a hands-on activity, students will make predictions about unknown objects based on their properties using various senses.	**Task:** Students will make a Kahoot game based on the knowledge they acquired throughout this unit..
Change Through a "How It's Made" episode, students will understand the process of a changing material. They will then apply this knowledge by performing their own "How It's Made" episode through a "Rock Candy" experiment.	**Evidence:** Students will demonstrate their understanding of the central idea by: 1. Writing a hypothesis about the "Rock Candy" experiment. 2. Recognizing the properties of various materials and distinguishing whether they are eco-friendly or not. 3.
Responsibility Students will look at the issue of "Plastic Pollution". They will also research alternative materials that are more eco-friendly.	**Tool:** A rubric created by the teacher will assess the students' understanding of the central idea. Additionally, students will complete a self-assessment.