


Plan

Proficiency Level	Intermediate
Title	<i>Inventos, innovación y creatividad</i>
Summary	Students will reflect in what ways reading the book ¿Inventos a la basura? ¡Qué locura! and using one or more of the 7 essential innovation questions when analyzing an object from multiple perspectives, changed the way they see inventions, innovations, and creativity
What are my learning targets?	<p>I can...</p> <ul style="list-style-type: none"> ● Define terms in my own words ● Describe where I can find objects with wheels, cogwheels, propellers, springs, and zippers around me ● Explain how wheels, cogwheels, propellers, springs and zippers are connected to the Sustainable Development Goals ● Describe the sketchnote I create while listening to the book ¿Inventos a la basura? ¡Qué locura ● Explain which elements in the book were new to me ● Give my opinion on the book and how it connects to the SDGs ● Explain how I can <ul style="list-style-type: none"> ○ look at or use an object in a different way ○ move an object in time or space ○ interconnect it in a different way, or for the first time ○ alter or change it in terms of design and performance ○ make or create something new ○ imagine it differently ● Explain what I learnt about inventions, innovations, and creativity

<p>What is my essential understanding?</p>	<ul style="list-style-type: none"> • <i>Can anyone be an inventor or innovator?</i>
<p>What is the input /resource?</p>	
<p>How do we build background knowledge? How do we activate prior knowledge?</p>	<ul style="list-style-type: none"> • In small groups students come up with a definition for: <ul style="list-style-type: none"> ○ invention, ○ innovation, ○ creativity • As a class, students will choose or recreate the best definition for each word • Students will look at the images of the following inventions and brainstorm where they can find them around them <ul style="list-style-type: none"> ○ wheels ○ cogwheels ○ propeller ○ spring ○ zipper
<p>What is my introduction to this lesson?</p>	<ul style="list-style-type: none"> • Students will pinpoint which of the Sustainable Development Goals most connects to the five inventions and explain why
<p>How do I want my students to process this input?</p>	<ul style="list-style-type: none"> • Students will <ul style="list-style-type: none"> ○ Be read the book ¿Inventos a la basura? ¡Qué locura ○ Doodle or make a sketchnote of what they hear ○ Describe their sketchnotes ○ Explain which elements were new to them

	<ul style="list-style-type: none"> ○ Give their opinion on the book and how it connects to the SDGs ● In small groups, students will use one or more of the 7 essential innovation questions from the Innovation Genome Project to analyze an object of their choice <ul style="list-style-type: none"> ○ What could we look at in a new way, or from a new perspective? ○ What could we use in a new way, or for the first time? ○ What could we move, changing its position in time or space? ○ What could we interconnect in a different way, or for the first time? ○ What could we alter or change, in terms of design and performance? ○ What could we make, creating something that is truly new? ○ What could we imagine to create a great experience for something? ● Student will present their findings to the class
<p>How could we reflect upon our learning?</p>	<ul style="list-style-type: none"> ● Students will reflect in what ways reading the book ¿Inventos a la basura? ¡Qué locura! and using one or more of the 7 essential innovation questions when analyzing an object from multiple perspectives, changed the way they see inventions, innovations, and creativity
<p>What extension activities could be done?</p>	<ul style="list-style-type: none"> ● Students will <ul style="list-style-type: none"> ○ read the article from the National Geographic and dig deeper into one of the inventions mentioned there ○ use Milanote to explain their learning

What other resources should be credited?	<ul style="list-style-type: none">● ¿Inventos a la basura? ¡Qué locura!● Sustainable Development Goals● 7 Questions● National Geographic: 8 inventos para mejorar el medio ambiente● Podcast● Milanote
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Recursos

- [¿Inventos a la basura? ¡Qué locura!](#) - As an Amazon Associate LTL earns from qualified purchases
- [Sustainable Development Goals](#)
- [7 Questions](#)
- [National Geographic](#): 8 inventos para mejorar el medio ambiente
- [Podcast](#)
- [Milanote](#)