

Semester:

Teacher:

Grade:

# Science



## Projects/Evaluation

**Title:** Gravity coco

**Theme:** Gravity

**How long:** 4 hours

**Summary:** Cette problématique permet aux élèves de réaliser un dispositif qui permettra de réduire l'effet de la gravité sur un objet.

	Knowledges selected from the Vision POL	Learning activities/small experience	Evaluation of knowledges
<b>Material World</b>	<ul style="list-style-type: none"><li>-Recognizes the influence and the impact of electric appliances on people's way of life and surrounding (e.g. telephone, radio, television, computer)</li><li>-Demonstrates, by referring to the atomic model, that chemical changes (e.g. cooking, combustion, oxidation, acid-base reactions) the properties of matter</li><li>-Describes the effect of gravitational attraction on an object (e.g. free fall)</li><li>-Distinguishes between the mass (quantity of matter) of an object and its weight (gravitational force acting on the mass)</li></ul>	<ul style="list-style-type: none"><li>-Activities suggested in the Vision program</li><li>- Videos</li><li>- Hand out sheets</li><li>- Booklets</li></ul>	<ul style="list-style-type: none"><li>- Research about how the technologies affect our daily lives</li><li>- Chemical/physical change project</li><li>- Chemical/physical change knowledge exam</li><li>- Coco the project</li></ul>

## Process of active discovery/Critères

1. Context related everyday life/ Description adéquate du probleme
2. Initial ideas and hypothesis/ Mise en œuvre d'une démarche appropriée
3. Planning and carrying out/ Mise en œuvre d'une démarche appropriée/ Utilisation appropriée d'instruments, d'outils ou de techniques
4. My outcome/ Utilisation appropriée des connaissances scientifiques et technologiques