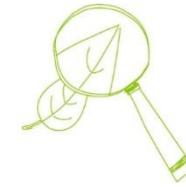


Semester:

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

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