

Forces



Objectius

1. Identify the meaning of “forces”.
2. Distinguish the different kind of forces.
3. Differentiate contact forces from non-contact forces.
4. Work in collaborative groups and solve problems-
5. Participate in activities that require critical thinking.

Descripció de la proposta

After reading a text, students will learn the definition of forces, while learning from simple examples for them to understand. On the other hand, they will come out with a clear idea about the difference between contact and noncontact forces. Finally they will also be able to list the ways of measuring the forces and the tools to do so.

Aspectes didàctics i metodològics

The proposal starts with a very detailed text about the topic, followed by a list of questions in order to recall what the students learn while reading. Next, students are encouraged to give examples similar to the ones they read at the beginning of the session. Finally, the questions are aimed to make students think and analyse the information. Extension activities offer some exercises for students to apply the knowledge acquired in the session. Furthermore, it proposes a project that includes some lab practice and data collecting instruments followed by an oral presentation and a self and peer assessment.

Recursos emprats

Adapted from: <http://www.bbc.co.uk/education/guides/zttfyrd/revision/1>

Continguts, competències i processos que es treballen de forma destacada

1. Connect ideas and skills in real-life situations.
2. Collaborative pair and small group's promotion.
3. Collaborative problem solving
4. English optimal use throughout the whole project (40% in English).
5. Self assessment and peer assessment.

Alumnat a qui s'adreça especialment

This activity has been planned for students of 3rd year of Secondary Education.

Documents adjunts

Retrieved from "Materials didàctics del professorat GEP 1 Anglès"

http://odissea.xtec.cat/pluginfile.php/684713/mod_page/content/28/Fuentes_MiquelAngel_Final_Project.pdf

Autoria

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