



BotSTEM – Erasms+ KA2 Project


2017-1-ES01-KA201-038204

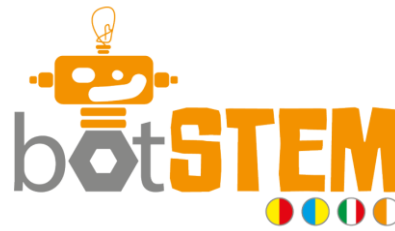
Good practice template

1. Title of the activity/ Practice	<i>Inseparable. Or not?</i>
2. Origin of the activity	Ileana María Greca Dufranc works at the University of Burgos, in the baccalaurate Degree in primary Education.
3. Age of the students	6-8 y.o.
4. Target group (type of the learners, size of the group)	Small groups (4-5 kids)
5. School subjects + topics concerned	Physics, maths.
6. Educational goals of the practice	Learn how magnets work
7. Duration	Three hours
8. Place	Classrooms

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<p>9. Short description of the activity</p>	<p>Students discover how magnets work through different experiments related to real situations in which their use is useful. The following steps are followed:</p> <ol style="list-style-type: none"> 1. Present the problematic situation and ask the students to elaborate group hypotheses about it. E.g.: "A magnet cannot attract any metal that is submerged in water". 2. Present the "Students Card 8" and explain the data record box (the card appears in the link below). 3. Following the instructions of the "Students Card 8", students should check their hypothesis by performing different experiments. 
<p>10. Evaluation</p>	<p>Retake the initial hypothesis of the students to deal with the results obtained in the experiments and to offer a solution to the problematic situation.</p>



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11. Materials/Resource/ Technical requirements	Magnets of different sizes and powers; clips; containers with different fluids (water, milk, juice, etc.).
12. Tips for educators/ Theoretical background (if applicable) or curriculum context	http://www.ubu.es/sites/default/files/portal_page/files/uudd_sabados_de_ciencia.pdf