



Examples to Keep the Passion for the Geosciences

María Fernández Raga (1), Covadonga Palencia Coto (1), and Artemi Cerdà (2)

(1) University of León. Department of Physics, Campus de Vegazana, 24071, León, Spain, (2) University of Valencia, Department of Geography, SEDER-Soil Erosion and Degradation Research Group, Valencia, Spain

It is said that the beasts can smell fear. The translation to education is that students know when our vocation is really teaching or when you are teaching as a result of the sequence of events like a side effect of an investigating vocation path. But to become a good teacher, you need to love teaching!!!

Education work requires a dynamic appeal by the students. It should be entertaining, motivating, interactive and dynamic. In this session I will present several tips and examples to get attention on your geology sessions:

1. The teacher should maintain a high interest in the subject of your work. Motivation is contagious!!!!If you show passion the other will feel it.
2. Change the attitude of students. Some activities can help you to do that like asking for the preparation of an experiment, and analyzing the results. Some examples will be shown.
3. Arouse the curiosity of the students. Some strategies could be asking questions in novel, controversial or inconsistent ways, asking conceptual conflicts and paradox that looks not expected from what is studied or
4. Use some tools to get the attention of the students. Examples of these tools can be Google Maps and Google Earth (teaching them to design routes and marking studies), Google drive (to create documents online in a team and file sharing), Google plus (to hang interesting news).
5. Examine students each week. Although it will be laborious, their work and learning will be more gradual.
6. Increase levels of competition among peers.
7. Relate what you know with what you learn. It is very important to be aware of the basis on which pupils, through prior knowledge test match.
8. Feel competent. Teacher's confidence is vital when teaching a class. You must be aware of our weaknesses and humble, but our nerves should help us to improve the quality of our classes.
9. Individualized teaching and learning. Numerous psychological and sociological studies suggest that the existence of social networks contribute to the welfare and health of the person. Applying this idea to the field of training, promote development within the classroom social networking encourages participation and aid in student learning. The criterion to consider dissolving or enhance these natural groups is given by the adequacy or not the educational proposed approaches (objectives, content, interests, etc.).
And last but not least. . .
10. Never stop learning!!!!!!!!!!

Teaching geosciences needs passion for the Earth, the processes, the forms... And to show this in the field to the students.