19. Let´s know our plants and trees with QR codes

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Title	Let´s know our plants and trees with QR codes
Content/ Subject areas	Natural sciences, Language; foreign languages
Target group	Students year 1 Secondary.
Learning objectives / competences	To motivate students to learn Understand facts and ideas in the context of a conceptual framework; Be able to organize knowledge being able to apply it in different tasks. Be able to process information and build new knowledge
Description of overall activity	Students prepare some information about all plants and trees that there are in the school and create a QR code for each plant and tree. Each of them will have the code so when student walk in the Schoolyard with their iPads they can see the information about that tree or plant. We are going to publish our school magazine and we are going to make a monograph about the trees and plants at school. Students will write about trees and plants but we'll also include photographs without trees and their QR code and also will include some QR codes for readers see the article and also use their mobiles with QR codes. After creating the information and uploaded it in the school website students learn to create QR codes. The activity is very simple and students love it
Description of the process and teaching/ learning strategies used	Students prepare the information about each tree or plant (common name, scientific name and a photograph and short information about the plants and trees), each one does two or more. They upload the info in the web Students create the QR code using iPad Students put each QR code in the right plant Students check if the QR code works Students write an article for the school magazine about schoolyard trees
Evaluation/ types of assessment	The teacher uses the observation sheet Each student talks about the plant or tees he/she worked with Teacher and students check all works well Students produce a conceptual map of the schoolyard's trees
Materials and tools	iPad, QR code App, Word or other programme to produce the magazine.
Timing and learning environment	Timing depends on how deep you like to go in the topic. 3 classes will be OK, the environment will be the school library.
Conclusion	We propose this activity to motivate students to get to know the biology lesson about plants. Work with QR code is very motivating for students and they learn a lot The activity can be done in any school The same activity can be used with other topics example if education authorities, parents or any visitors come to visit our school we put all the information about the school using QR codes so we take them to the place and they can find by themselves all the information we like they know
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