

LO1 STEM in Action

“MY BEST” - STEM LESSON

We are not looking for detailed lesson plans – just great ideas, lessons that go well (with why) and unusual ideas and approaches. The idea is to inspire others.

Lesson Plans

Lesson Title	Ecology in the field of study
STEM Topic	Science – Technology – Engineering – Maths – STEM (ALL) (Circle as appropriate)
Aims of the Session (Links to curriculum and qualifications?)	The aim of this lesson is to combine ecology with technologies and to encourage students in team work.
Group and Age	Students in the age of 15–16 (1 st year of study at secondary school)
Lesson Description - Key ideas and/or novel approaches	Two months prior the lesson students are asked to choose a topic which relates to their field of study (machinery, electro, poly graphics) and combines ecology. Then in groups of three the students prepare a presentation and have a speech in the front of their class mates. The students can use various methods like PowerPoint presentation, 3d model and others. Their talk shall last 8-10 minutes maximum. The benefits for students are as follows: <ul style="list-style-type: none"> – increasing of team work skills – increasing of presentation skills, stepping out of their comfort zone – involvement of students in the lesson – increasing of time management skills and other soft skills.
What do you like about this session?	Students get involved in the lesson as they can react immediately to the lesson topic, ask questions. Better and deeper understanding the lesson topic is another positive outcome.
How does this Lesson cater for women or students from a minority ethnic background	N/A
Any other comments or suggestions	