

Lesson Plan Ice Challenge

Class: All first and second year full time students		Date: 1/9/16	Teacher: Social Studies
Title of Lesson Ice Challenge – creative project approach			
Materials Power Point Presentation ICE Challenge STEM			
Objectives 1) Lesson to be accessible/engaging and fun! 2) To introduce a creative and successful approach to project work 3) To get children to practise with the Ice approach 4) To get children to work together constructively			
Description of Learning Activities	Assessment Methods	Extra information	
1. Define the difference between creative and critical thinking	Instruction	There is more information in the notes of every sheet in the power Point presentations.	
2. Explain the Ice Model	Discussion and feedback	Depending on the age of the target groups you can adapt the tempo and exercises.	
3. Pit	Discussion, exercises and feedback	It is advisable to think of thesis, topics, challenges from your own region, country or more related to a particular field of work you are interested in.	
4. Trigger	Discussion, exercises and feedback		
5. Context	Discussion, exercises and feedback		
6. Question	Discussion, exercises and feedback		
7. Idea	Discussion, exercises and feedback		
8. Solution	Discussion, exercises and feedback		
9. Pitch	Discussion, exercises and feedback		
Stretch and Challenge and Extension Activities : Practise the ice challenge project approach in daily school and outside school situations.			
Learning outside the classroom Due in : Groupwork: <ul style="list-style-type: none"> • Come up with a STEM related problem or thesis • Apply the ICE strategy • Evaluate the process focussing on interesting outcomes 		Learning outside the classroom set for next lesson: Individual assignment: <ul style="list-style-type: none"> • Describe one STEM related situation you are involved in outside of school. • Describe the setting and the participants • Come up with a problem or a thesis • Apply the ICE strategy • Evaluate the process focussing on interesting outcomes 	