# Criteria Sheet – Eating Safely

Task

Students in groups of 3 will design a technology tool to help with a school problem, ice-bricks are melting and getting water all over the food in the lunchboxes, making the food not eatable.

Your groups task is to try and solve this problem by coming up with a solution to waterproofing the ice-bricks that go in students lunchboxes.

Your group will be responsible in coming up with a solution and creating the technology needed to solve this design problem.

Think of all the materials and tools we have worked with over the past three lessons and your prior understanding of ice-bricks leaking in lunchboxes, how might you go about making these ice-bricks waterproof and still be able to be used as an ice-bricks to keep food cold?

When working with food you will have to explain to the audience how you used safe food handling procedures and materials to create this technology.

You presentation will be done in your group, the presentation will go for not more than 2 minutes and no less than 1 minute.

Below is a list of everything you will have to include in your presentation to be graded on in the rubric.

You will need:

1. To be placed in a group with other peers.
2. Design a piece of technology that will help to keep the ice-brick in the lunchboxes waterproof but still be able to keep the food cold.
3. Demonstrate and explain in your presentation how you used safe handling procedures with different tools, materials and equipment when creating this piece of technology.
4. Demonstrate and explain in your presentation how you selected the right tools for the design brief you were given on the ice-brick.
5. Demonstrate and explain in your presentation how you solved the problem to keeping the ice-brick waterproof while still being able to keep the food in the lunchboxes cold.
6. Explanation how the food guides impacted or didn’t impact on your overall design.
7. Show how your group evaluated the materials used and their sustainability to the environment – are they biodegradable? Are they recyclable? How did this impact your design?
8. Keeping you presentation between 1 and 2 minutes in total.
9. Make sure you interact in the presentation with each other, make the presentation engaging and entertaining for the audience. Know your material really well so you don’t need prompts.