



MYP Tech Unit: Systems for Safety

Using the design cycle to solve a problem

Systems for Safety is a unit for year two MYP students. In teams you will investigate a problem, design a solution, plan its creation, create the solution and test it.

In this unit your design team will design and create a product/solution that will protect an egg in a "crash test".

- The **Areas of Interaction** for this unit are: Approaches to learning & Health and Social Education
- Your grade is based on the **IB criterion** for MYP Tech - Year 2 and will reflect the following:
 - **Group and individual work**
 - Tasks and related **assignments** as outlined in the unit
 - Organization and participation, use of a **design folder**
- The purpose of this unit is to prepare year two MYP tech students for years 3 and 4. This unit will also strengthen the **Learner Profiles**.

The IB Learner Profiles:

- | | |
|-----------------|---------------|
| • Inquirers | • Open-minded |
| • Knowledgeable | • Risk Takers |
| • Thinkers | • Balanced |
| • Communicators | • Caring |
| • Principled | • Reflective |