



Egg drop challenge - teachers' guidance

Objective: To produce a package to protect a hard-boiled egg that recyclable and uses minimal resources.

Equipment

- Scissors and Pritt-sticks
- Box of scrap for the students to use
- Any scrap that the students bring in themselves
- Egg drop challenge—student worksheets
- Tutor guidance card
- A hard-boiled egg

Notes

1. Each group will divide into 4 to 6 teams.
 2. Each team makes 1 package for the egg in their tutor room.
 3. Each team has 25 minutes to complete their package.
 4. The tutor group must vote for the package that they want to do the drop test. One package will be put forward from each tutor group.
 5. Tutors should hand the egg out to the chosen team towards the end of the packaging build. If the team damages the egg, there are no spares.
 6. When the packages are finished, the tutor group is ready for the drop test.
 7. The tutor needs to ensure that all teams have their shared resources as listed below:
- Scissors and Pritt-stick
 - An assortment of scrap materials, including flat cardboard, cardboard tube, coffee cup, foam, juice carton material, ribbon, a piece of fabric and a student worksheet.

One hard-boiled egg is given to the team whose package is going to be drop tested!

Enjoy and many thanks for your co-operation!