

# Lesson 6: Idea Transformation



## Overview

By the end of the lesson, pupils should be able to:

- Understand how the Design Heuristic tool can be used to transform ideas.
- Use the Design Heuristic tool to transform ideas.

Class Length: 40 minutes

Year Groups: All ages

Resources: Computer, projector, printed handouts, pencils.



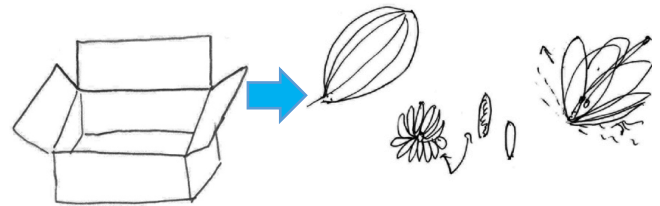
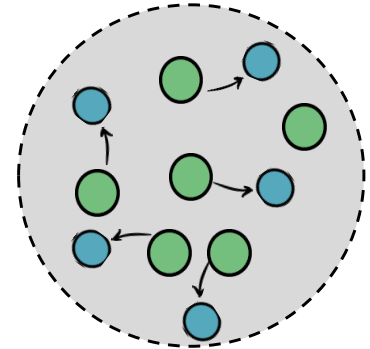
## Lesson Structure

### 1. Introduction to Idea Transformation

- Pushing ideas further using the Design Heuristic tool.
- Understand the importance of developing multiple possible solutions.

### 2. Using Design Heuristics transform ideas

- Design Heuristics can be used to modify / alter existing solutions.
- Supports the development of initial ideas and existing products.
- Supports overcoming fixation.



## Lesson Activities

### Activity 1

Transforming a Superhero (Lesson 5)

Purpose: To transform initial ideas generated in the Superhero activity.

Students will push these initial ideas further by transforming the ideas using Design Heuristics.

### Activity 2

Transform an existing product.

Purpose: To transform modify an existing product using the Design Heuristic tool.

### Activity 3

Transforming ideas in teams.

Purpose: To promote collaboration during a transformation design activity.

Students work together modifying their transformed ideas towards a final transformed idea.

A reflection on the transformation

## Lesson Notes

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