

Vegetable Peeler



What is a vegetable peeler?

A vegetable peeler is a kitchen tool used to remove the outer skin or peel from vegetables and fruits like potatoes, carrots, apples, and cucumbers.

Key components

Sharp blade – Used to scrape off the thin top layer of skin.

Handle – For gripping and control. Compact size – Usually fits in one hand.

Research

Strengths

- Safe and easy to use compared to a knife.
 - Quick peeling saves time in food preparation.
 - Peels thinly, reducing food waste.
 - Lightweight and easy to handle.
- Available in different shapes and styles to suit different users (e.g. Y-shaped or straight).

Weaknesses

- Some handles are uncomfortable or slippery to hold.
- Not suitable for all users, such as people with weak grip or small hands.
- Blades can become blunt over time and may need replacing.
- Certain designs clog easily with peel.
- Not all models are dishwasher safe, especially those with wooden parts.

Materials

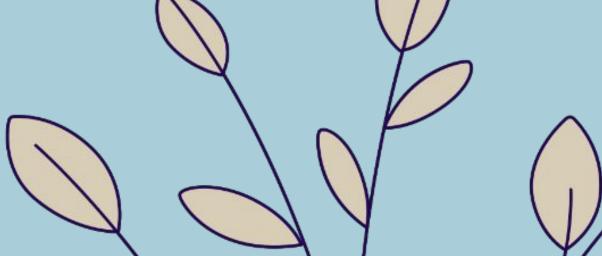
Blade:

• **Stainless steel** – Rust-resistant, sharp, durable

Handle:

- Plastic Lightweight, low cost, easy to shape
- Rubber or silicone Comfortable, non-slip grip









Potential innovations

Ambidextrous

More ergonomic

Changing Peeling
Thickness



ECO-friendly Materials

Annotations

Research; What colours are easy to find in a draw? What colours have positive connotations?

Potential metal colours

Potential design of handle

Other potential designs

Pencil Case

Built in organiser

Standing Phone Charger

To help organise cords and avoid tangling, color be used to stand an ipad for hands-free viewing in the kitchen

Cutting board

Adding a food waste container to the edge of this board

Tote Bag

Adjustable strap lengths, with pockets for storing straps

Potential Products

Reusable tote bag

- Solve: Plastic bag waste.
- Use old clothing, denim, or fabric scraps.
- Impact of textile waste and ethical production.

Herb Garden Starter Kit

- Solve: Reliance on supermarket herbs.
- Design a kit using compostable or recycled containers.
- Incorporate education around food miles and local growing.

Desk Organiser from off cuts

- Solve: Clutter and wood waste.
- Propose to use scrap timber from the workshop.
- Focus on form, function, and upcycling.



