



Name: _____

Class: _____ Date: _____

Inventor's Drawing Board

An activity of "Teen scientist develops soap to treat skin cancer".

Read the article "Teen scientist develops soap to treat skin cancer (page 6, *What's Up* September 2024). Challenge yourself to think through your own invention!

1a) Watch the following video of some interesting inventions that solve everyday problems.

22 Inventions that are saving the earth

➤ <https://youtu.be/FWFb-8hFutY?si=fG-zwrVGZ5rK-dXX>

(Insider Tech, 1 May 2020)

1b) Of all the inventions shown in the video, which is your favourite? Why?

2a) In pairs, look through these everyday problems. Add two more to the list.

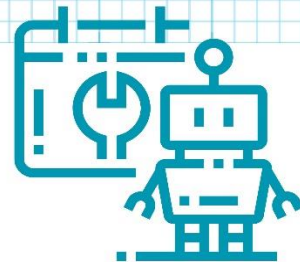
Backpack straps that dig into shoulders.	Shoes getting wet in the rain.
Water bottle leaking in your bag.	Losing small items like erasers or sharpeners.
Earphone wires/ electric cables getting tangled up.	Bumping elbows with your desk partners.
Water cooler fountain spraying water onto your face.	Poor posture from sitting too long.
Pens/ pencils staining the insides of pencil cases/ pockets.	Carrying food or drinks in the canteen without spilling.
Heavy schoolbags that strain the back.	Difficulty drying hands quickly after washing
Difficulty opening tight / stuck jar lids.	Keeping your backpack dry when it sticks out from under your umbrella in the rain.
Misplacing worksheets/ assignments.	Cramped writing spaces on small desks.
Forgetting to return library books by the expiry date.	Getting caught in the rain without an umbrella.
Not understanding a question but feeling too shy to ask.	Difficulty hearing the teacher in a noisy classroom.
Tripping over schoolbags in class.	Whiteboard markers losing their caps and drying out.
Difficulty staying focused during lessons.	Clothes getting crumpled in a backpack.

2b) Choose one problem you find interesting or can relate to.

2c) Develop a creative solution to the problem and present it. You may use sketches, diagrams, models, descriptions or any other means to present your ideas.



Our Solution:



2d) Share your invention concept by giving a three-minute presentation in class.