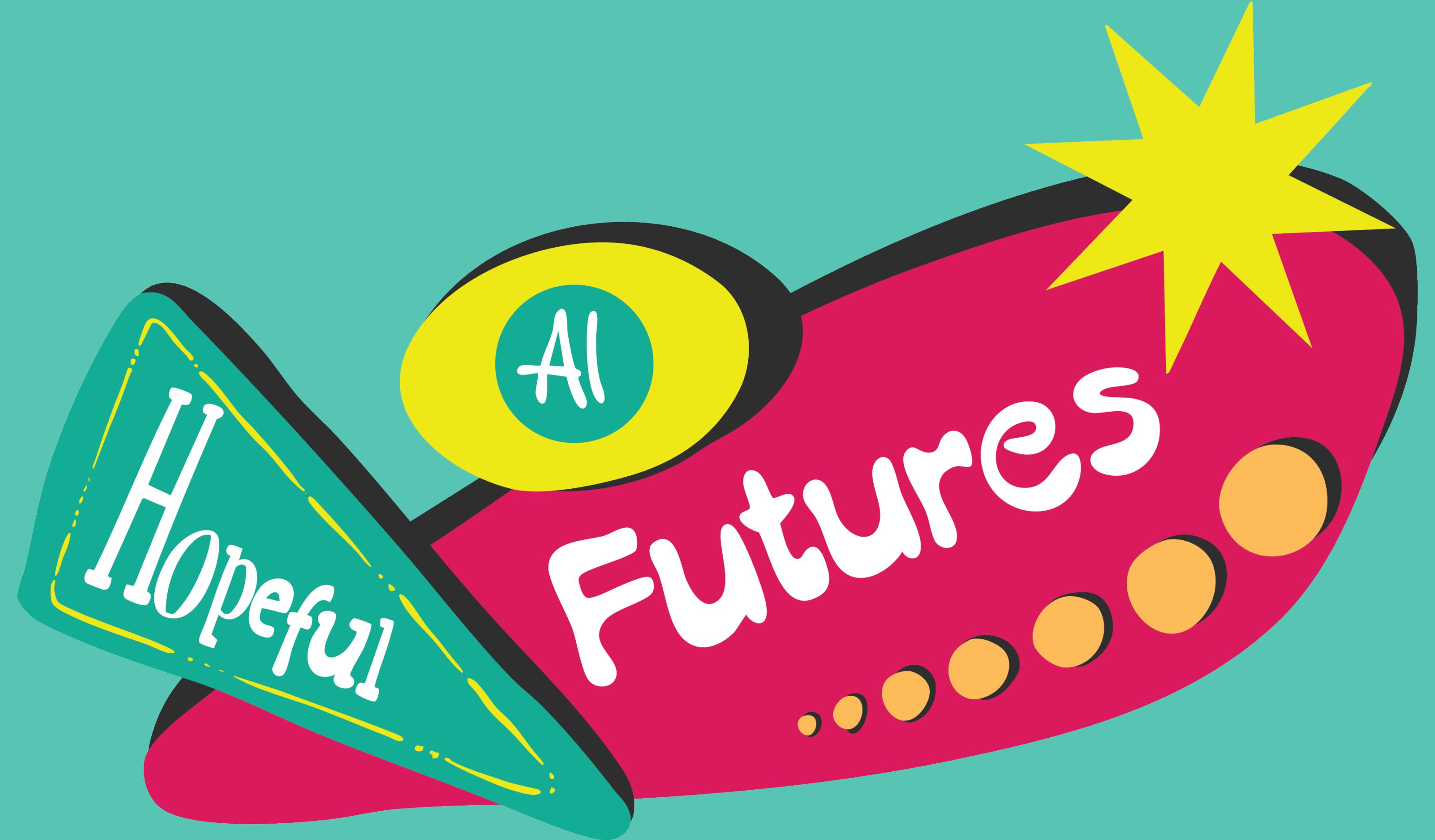


Teacher's Notes – Do not show students

Duration: 45-60 minutes

Resources needed:

- ★ Paper, pens, pencils, markers
- ★ Card, scissors, glue, tape, assorted scrap material
- ★ Scenario cards (or printed prompts)
- ★ 'Imagining the future' worksheet
- ★ Projector / screen or printed visual examples of speculative design
- ★ Sticky notes or small cards for the gallery walk

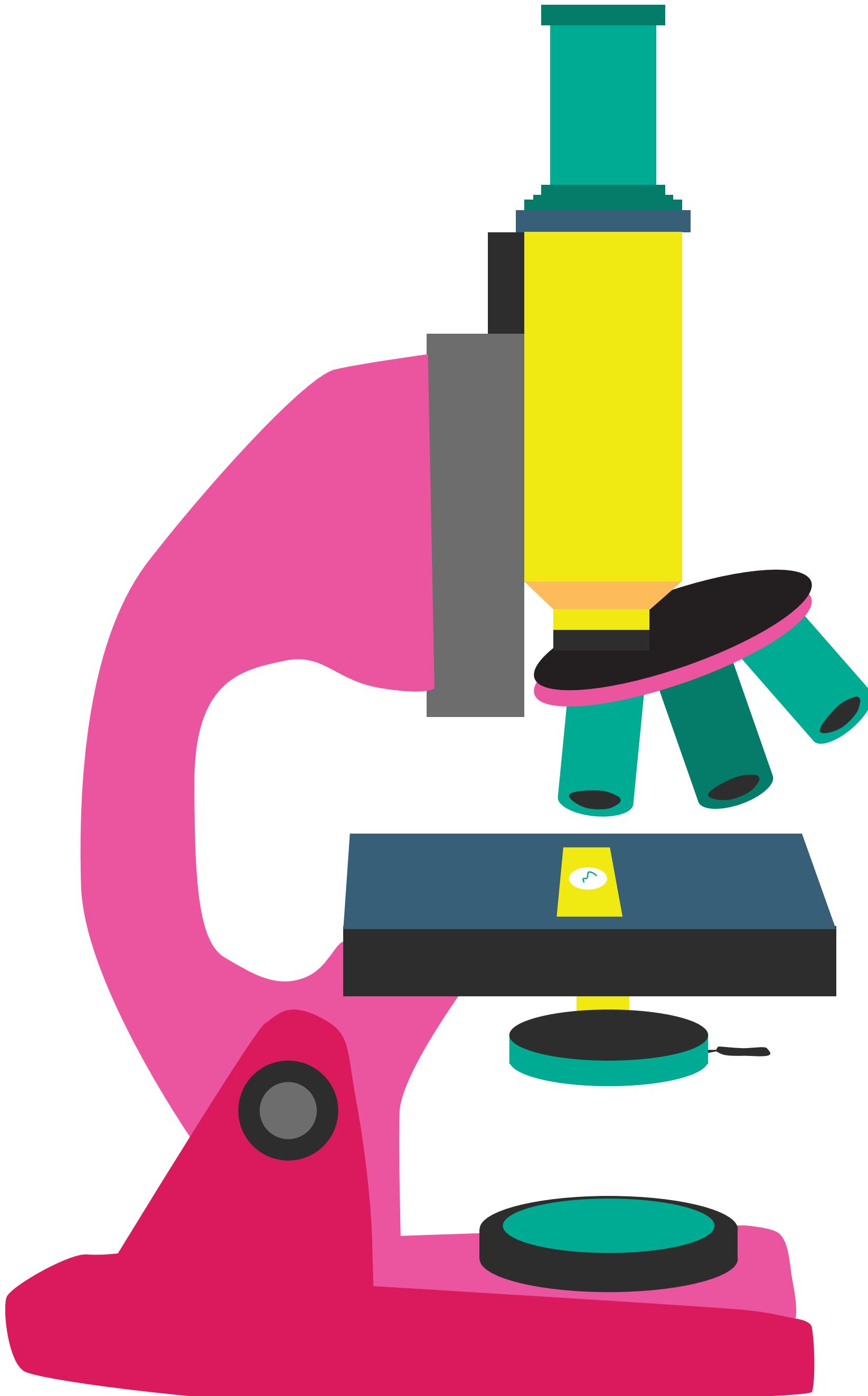


Imagining the Future
SPECULATIVE CREATIVITY

Learning Objectives

By the end of this lesson, you will be able to:

- ★ Define speculative design and explain how it differs from conventional design.
- ★ Describe the idea that design can ask questions rather than simply solve problems.
- ★ Generate ideas for possible, probable, and preferable futures.
- ★ Create a low fidelity speculative prototype (sketch, storyboard or simple model).
- ★ Reflect on the future they have imagined and the question it raises.



What if...

...schools didn't have teachers?

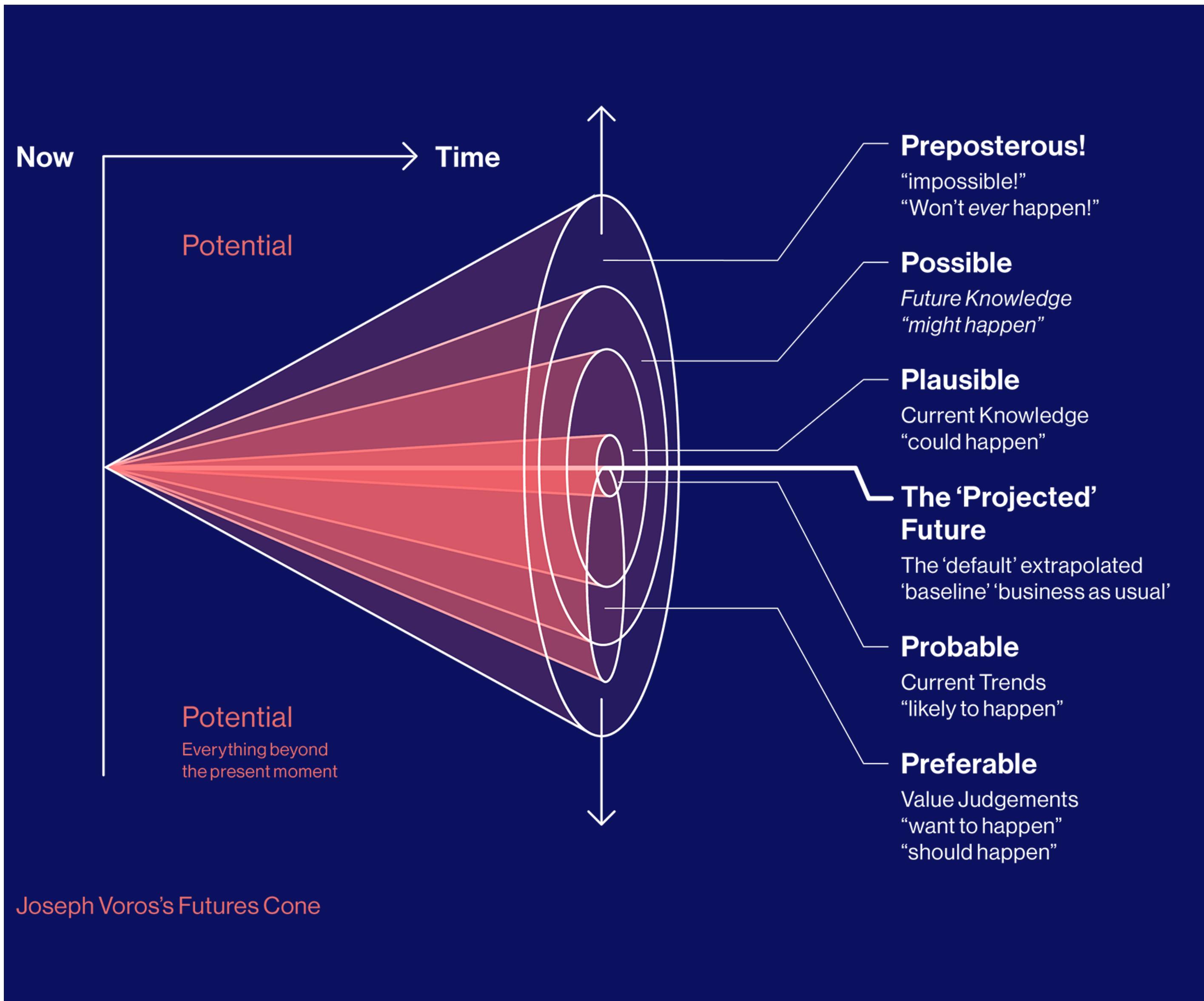
...your phone could feel emotions?

...animals could vote?

What Is Speculative Creativity?

- ★ Using your imagination to explore what if futures. You can invent new worlds, creatures, gadgets, and ideas just to see where they go. There's no right answer: it's about experimenting, being playful, and creating possibilities that don't exist yet.
- ★ **Speculative Design** is creating objects or ideas from these possible futures to make us stop and think.
- ★ The aim is to raise questions and get us thinking in new ways.

The Futures Cone



- ★ Preposterous – wouldn't ever happen
- ★ Possible – might happen
- ★ Plausible – could reasonably happen
- ★ Probable – likely given current trends
- ★ Projected – the default if things continue as they are
- ★ Preferable – the future we would like to see

Example 1: The IKEA Catalogue

by Near Future Lab

Concept: A fake IKEA catalogue from the near future. Includes biosynthetic moss carpets and self-growing shampoo on subscription.



3 WELLBEING

LIV

MoSS® carpet

Semi-organic "moss"-like carpet that grows slowly over your existing flooring while also producing environmental cleansing and scrubbing characteristics. LIV is the natural way to enhance the air in your home by creating a biosynthetic effervescent plume of aromatherapeutic compounds making your habitat sustainable, healthful, comfortable underfoot and absorbent.



6.99:-/sq meter



NEW ITEM

The LIV shampoo and conditioner grow themselves saving ordering and hassles of running short. Re-grows and replenishes naturally, organically through safe, secure biosynthesis and genetic regeneration.



LIV

Shampoo & Conditioner

Eco friendly, self-replenishing from bio-generating base starter compounds. Never run out, ever. Lifetime subscription only.
LIV Shampoo. 800.456.20
LIV Conditioner. 800.456.21

9.99:-*/month

* Lifetime only.



Products for a better environment. Products that are natural, environmentally sensible, beautiful and fit for your lifestyle.



WELLBEING 4

Time:

08:07

Temperature:

23°C

LIV
Shampoo & Conditioner

9.99:-*/month

* Lifetime only.

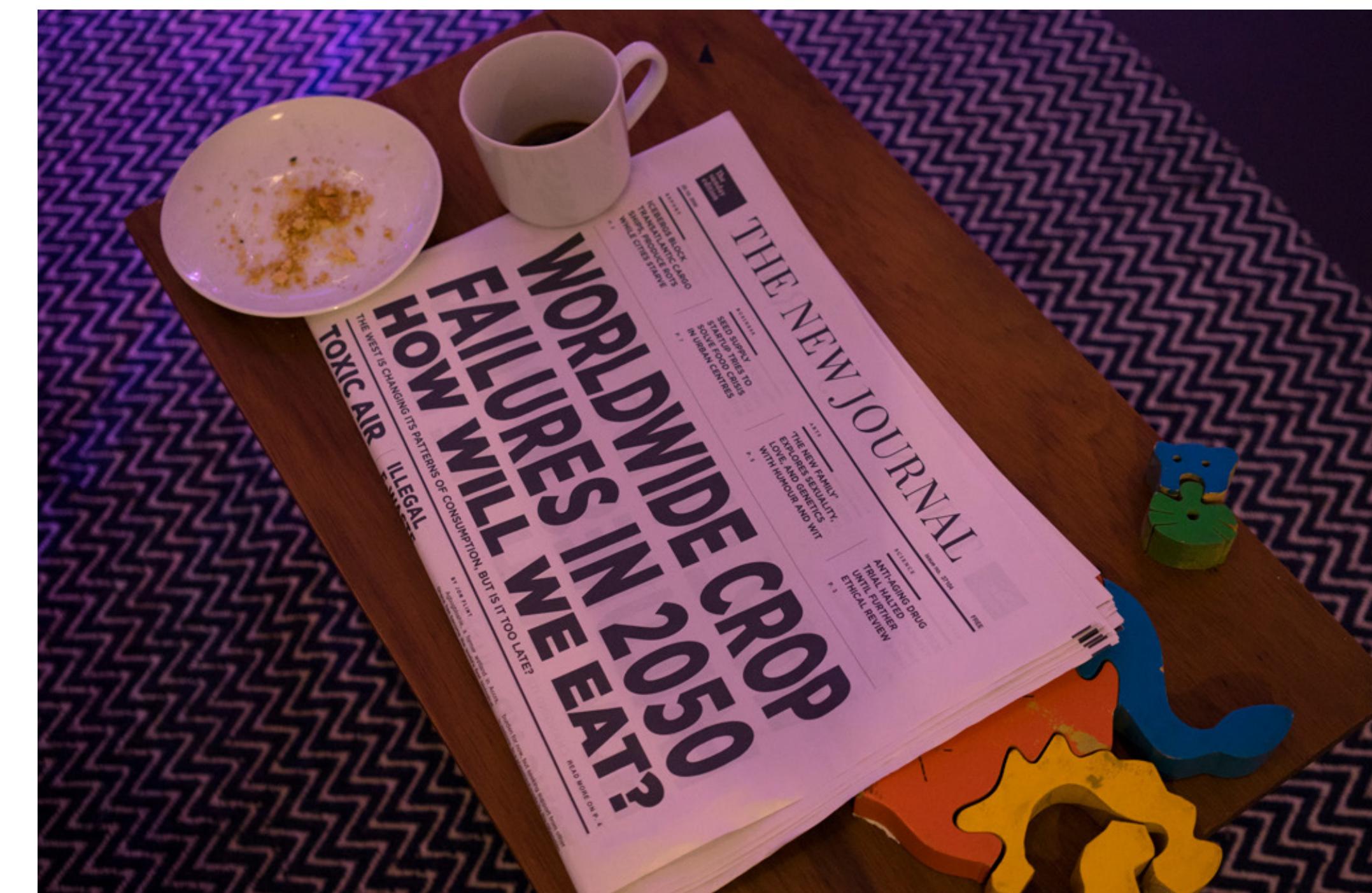
LIV
MoSS® carpet

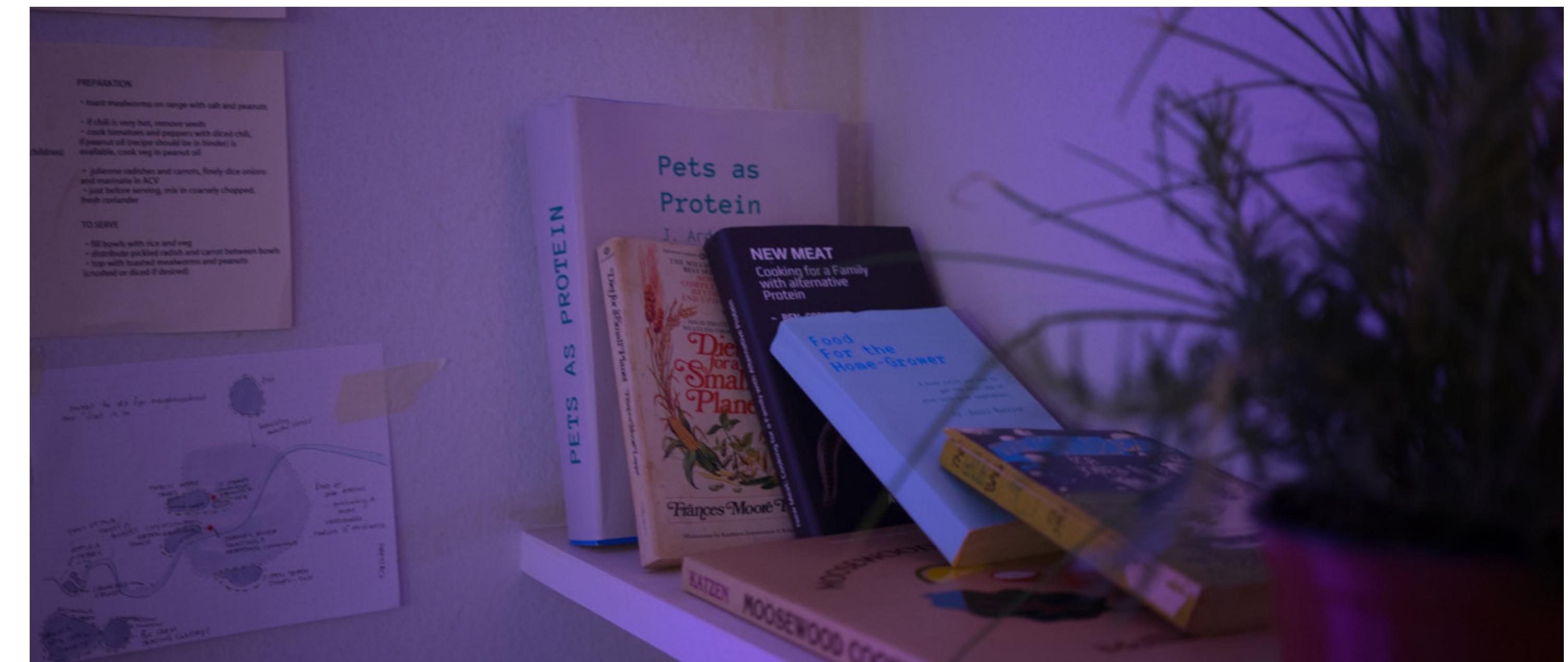
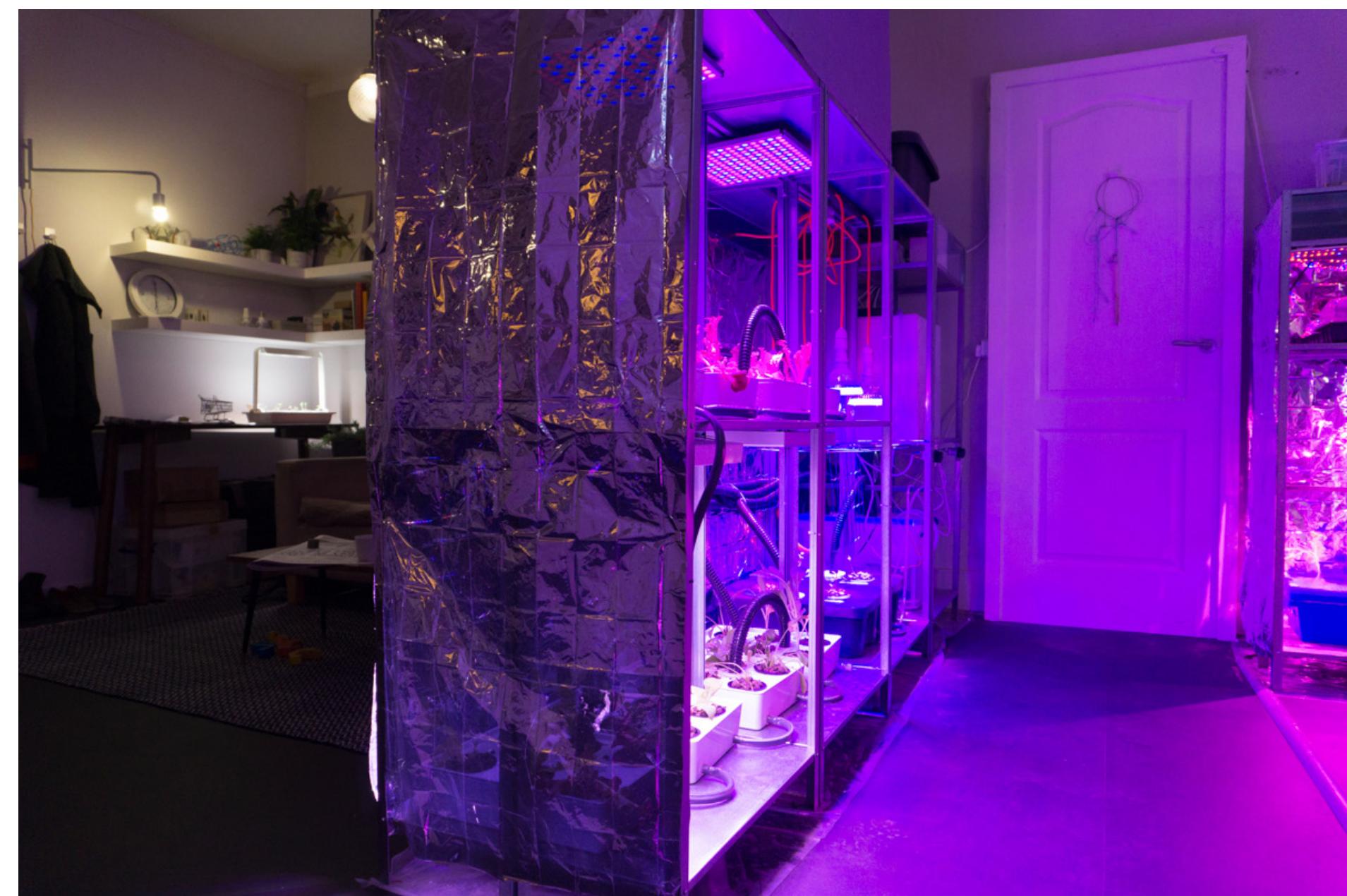
6.99:-/sq meter

Example 2: Mitigation of Shock

by Superflux

Concept: A future apartment (2050) showing how a family lives after climate change: growing food indoors and resorting to alternative protein sources.





Activity: Choose a Future

- ★ Get into groups of 3-5
- ★ Each group draws a scenario card
- ★ Discuss with your group what key questions your scenario makes you think of, and pick one to focus on
- ★ Jot down some ideas for how you might respond to this key question

Activity: Prototype the Future

Pick your best idea and create a 'low-fidelity prototype' (sketch, mock-up ad, cardboard model, storyboard) to respond to your scenario and your chosen key question.

While you're designing, think about:

- ✳ Who uses it?
- ✳ How might people feel about it?
- ✳ What new problem (or interesting situation) does it create?
- ✳ What questions does it raise for society?

Gallery Walk

- ★ Display your prototypes on your desks with a title and short explanation of your scenario and idea.
- ★ Walk around the room looking at the other groups' prototypes.
- ★ Leave a sticky-note comment about what each prototype made you wonder.

Reflection

- ★ What was hardest about imagining the future?
- ★ How did the prototype help you think about the scenario?
- ★ Which ideas surprised you the most?