

SDG2: Future of Food

MM6: Food Futures Today



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Implementation

Lesson 9: How Might We Eat?

Subjects: Agricultural Science, Art, Business Studies, Design, English, Engineering, Geography, Health, Home Economics, Science, Technology

Lesson Title and Summary: How Might We Eat?

This lesson is about brainstorming ideas in relation to specific food challenges and concepts. In this lesson, learners will be challenged to think about the future, and how acts of food preparation and consumption might change, disappear, or be introduced.

Vocabulary: Brainstorm, Concept, Ideation, Mind Map, Research

In this lesson, the learner will:

- use mind mapping to explore new ideas quickly
- explore future food challenges
- challenge themselves to think laterally
- develop research skills

Materials

- Worksheet: Mind Map
- Worksheet: Researching Ideas
- Paper
- Markers/Pens/Pencils
- Internet access



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ACTIVITY INSTRUCTIONS

Activity 1: Mind Map (25 mins)

1. Learners should complete this activity independently.
2. Distribute the worksheet: Mind Map (one per learner). Each learner will also need a blank page or notebook (A4 size or larger).
3. The goal of this activity is to allow the learners to explore ideas and topics in response to a specific future food challenge. Learners must choose one of the following as the starting point for their mind map:
 - a. How might we cook in the future?
 - b. How might we grow food in the future?
 - c. How might we order from restaurants in the future?
 - d. How might we taste food in the future?
4. Once the learners have chosen their preferred question, they should follow the worksheet instructions to complete their mind map.

Activity 2: Researching Ideas (25 mins)

1. When learners have completed their mind maps, encourage them to deepen their knowledge about the subject and their new ideas by conducting some research using the internet and any available resources (books, magazines, videos). Distribute the worksheet: Researching Ideas for this step.
2. Learners may work independently or in groups to complete this activity. For example, if there are many learners mapping ideas in response to the future of restaurants, they may want to work together to research new restaurant technologies, dining experiences, or look for menu inspiration.
3. Ask the learners to document their research by writing down key facts, quotes, taking screenshots, or printing interesting and relevant imagery.

REFLECTIVE EXERCISE: 3-2-1 (10 mins)

- Three things they feel they have learnt from the tasks.
- Two things they found most interesting and would like to explore more.
- One – their opinion they have about the tasks.

Use Post-its or a mentimeter survey - www.mentimeter.com - to gather reflections

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EXTENSION / REDUCTION ACTIVITIES:

Reduction: For a shorter lesson, skip activity 2.

Extension: For a longer lesson, allow the learners to spend more time on activity 2.

Option B: Ask learners to create additional mind maps for another challenge. Learners could also find others with the same challenge and compare their mind maps

MEDIA BOX: (materials, online video links, extra resources, case studies etc)

Video: Ideation with Mind Mapping (2:39 mins): <https://youtu.be/pgwccqjdYSrg?si=42-8cYN1t7JFM6XS>

Article: How to Make a Mind Map: <https://www.lucidchart.com/pages/how-to-make-a-mind-map>

Article: The Complete Guide on How to Mind Map for Beginners: <https://blog.iqmatrix.com/how-to-mind-map>

Article: Concept Map Vs. Mind Map: <https://www.mindmanager.com/en/tips/concept-vs-mind/>

Video: Moley Cooking Highlights (1:31 mins): https://youtu.be/BOIAbVodM_c?si=Ryikv8huZbhHURYh

Video: The Futuristic Farms That Will Feed the World | Freethink | Future of Food (6:19 mins): <https://youtu.be/KfB2sx9uCkl?si=7btR3V-S6-pRALrw>

Video: The Restaurant of the Future (0.56 mins): <https://youtu.be/TRHqxQK3CX8?si=LCEbXHBNrdO1s3NU>

Video: In the Future, You'll Be Able To Taste When Your Medicine Is Working (2:05 mins): <https://youtu.be/TziNlb3-Dwc?si=ZdN7vG76smgwDZPs>

LOCAL TRIP / EXPERTISE / ADDITIONAL WORK AND ASSESSMENTS

If learners have access to classroom devices and internet, they may prefer to use Canva to create their mind maps: <https://www.canva.com/graphs/mind-maps/>



A mind map is a visual tool that helps you to generate new ideas, practice creative thinking, and organise your thoughts. A mind map always starts with one main topic, question, challenge, or theme that is written at the centre of a blank page or canvas. From there, the goal is to branch out and identify related concepts, questions, or keywords.

Mind maps help you to identify all the possible ideas or thoughts related to one thing as quickly and simply as possible, while also understanding the connections and possible relationships between the different elements.

Instructions:

Choose one of the following questions for your mind map:

- a. How might we cook in the future?
- b. How might we grow food in the future?
- c. How might we order from restaurants in the future?
- d. How might we taste food in the future?

Taking a blank page, write your chosen question about in the middle of the page and circle it.

Now, write down any word, thought, or idea that comes to mind when you think about this question. For example, if you're thinking about restaurants in the future, you might write down words such as: dining, city, kitchen, celebration, menu, spaceship. Feel free to draw your idea or include pictures instead of words if helpful!

Circle each word, thought, or idea and draw connections where you see one thing relate to another.

When you're ready, take a step back and look at your mind map. Have you come up with any brilliant new ideas in response to your chosen question? Write down this key idea at the bottom of your page under your map. Don't worry, it can be broad or simple! For example, if you're thinking about restaurants in the future, your idea might be about reimagining the way restaurant menus work or look.

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2 ZERO HUNGER



Take time to research the question at the centre of your mind map.
Use the following prompts to guide your research and learn more about your question/topic.

How much do you know about it today?

What might you like to know about it?

Can you find new information to help inform your mind map or build on your current ideas?
Add your findings below. Use the internet, books, and magazines to learn more the topic. See also the multimedia box for inspirational links.

What 3 facts did you learn about your question/topic?

1 _____

2 _____

3 _____

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2 ZERO HUNGER



Can you add any imagery to show us what the future looks like?
You might include things like found illustrations, photos, 3D models etc.