### Frontier Tech Ideation

Research and generate frontier tech solutions and ideas

#### Description

Frontier technologies are emerging technologies that show potential to improve our lives and could have applications within the problem space being considered. This exercise exposes participants to the potential that these technologies have to offer and pushes them to think beyond convention before they begin ideation.

#### Steps

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<tr>
<td>1</td>
<td>Form groups of 3.</td>
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<td>2</td>
<td>Prepare your research.</td>
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<td>3</td>
<td>Share your findings.</td>
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<td>4</td>
<td>Divide and discuss.</td>
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<td>5</td>
<td>Brainstorm your ideas.</td>
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#### Suggested time

45 min participant prep
30 min exercise

**Note:** Repeat exercise for every session during the Radical Solution/Breakthrough Approach phases or until all Frontier technology cards have been exhausted

#### Level of difficulty

Low

#### Materials needed

Frontier technology cards, internet research, mural

Check how we used this in WFP-X:
Mural Link: https://app.mural.co/t/wfpx20daressalaam8404/m/wfpx20daressalaam8404/1600433313511/b94a4027100229bb09c337370599eb803c7c7136
Steps

**STEP 1**
Form groups of 3.

**STEP 2**
Prepare your research.

**STEP 3**
Share your findings.

**STEP 4**
Divide and discuss.

**STEP 5**
Brainstorm your ideas.

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**Your task in this step**

1. Pick a frontier technology card
2. You will be broken into 3 teams, each team will be assigned a card. Discuss steps 3-6 for 20 mins.
   Return to the main Zoom room to share out (10 min)

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**Suggested time**

30 minutes
Steps

**STEP 1**
Form groups of 3.

**STEP 2**
Prepare your research.

**STEP 3**
Share your findings.

**STEP 4**
Divide and discuss.

**STEP 5**
Brainstorm your ideas.

Be Mindful about Frontier Technology

Page 2
Tool 12/ Applying a frontier mindset
Frontier technology exercise

Steps

STEP 1
Form groups of 3.

STEP 2
Prepare your research.

STEP 3
Share your findings.

STEP 4
Divide and discuss.

STEP 5
Brainstorm your ideas.

Chosen Card
Find an interesting startup or solution that utilize or build towards the technology break-through.

Do you think this technology can become an ideal reality in 10 years in your context?

Why do you select 'Yes' or 'No'? Write down your reason. 1 reason per post-it.

If you select No: Are you doubtful about the technology feasibility? Or doubtful about the affordability? Doubtful about whether your context will have the supporting environment for it?

If you select Yes: Write down reasons why you are confident that your context can adopt this technology in 10 years time. What are some of the trends that support your statement?

Yes

No

How would you apply this technology to address one of your huge problems to meet the Moonshot north star criteria?