

“What makes you think of STEM in your school?”

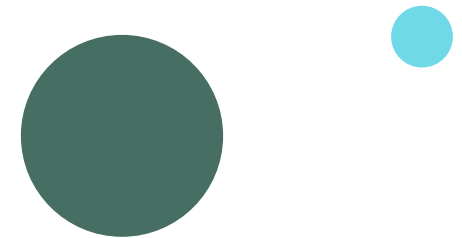
- Please select a card that makes you think of STEM implementation in your school.
- Explain your connection with this metaphor on the butcher paper



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Building a Flourishing STEM Community from Islands of Interest



Archipelago





Whole school strategy to interweave entrepreneurial thinking into our curriculum:

- Pitching a concept
- Establishing a culture of collaboration and creativity
- Creating a framework of design thinking
- Scaling up



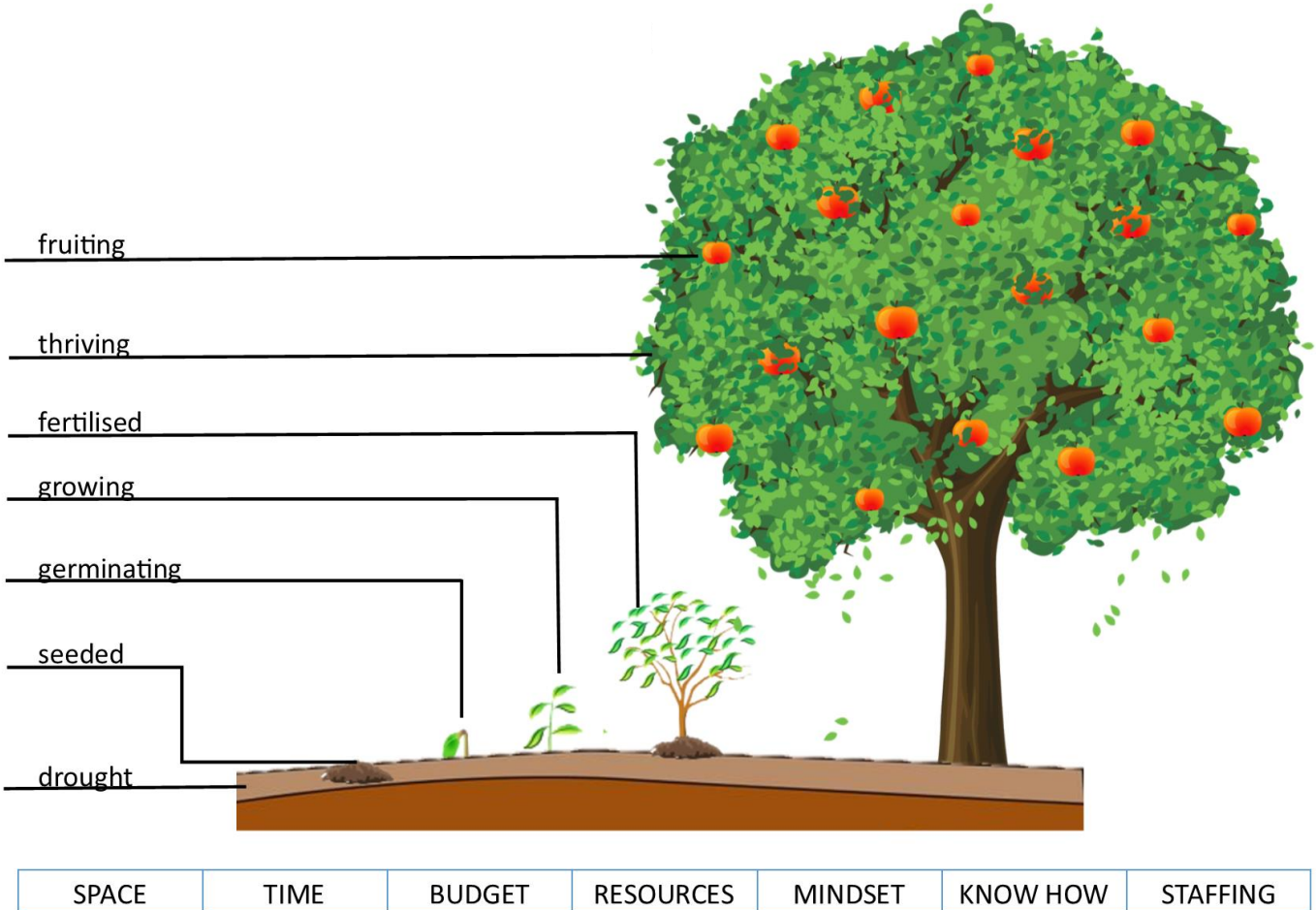
Are You Ready.....???

*In 1982, Peters and Waterman offered the metaphor “ready-fire-aim.” There is a tight cluster of change-savvy ideas embedded in the “ready-fire-aim” wisdom. **Michael Fullan***

- Focus on the right priorities
- Attend to relationships
- Treat as a learning period
- Go light on judgment

Scale of Conditions for Innovation

- Place each condition on the scale



Do you have
the conditions
for
innovation?

'Get into the mindset of 'I don't need to wait'.

One of your key traits is that you are a fast learner. So, can you be the world expert in three to six months? Sure, why not? Just throw yourself in into something. Don't wait for these gates of permission because they will never come. We want to help people who are just doing and not the people who are waiting for us.'

Nick Crocker, Melbourne
Entrepreneur

A wide-angle photograph of a beach at low tide. The foreground is dominated by a vast expanse of light-colored sand, marked with numerous parallel tracks that recede into the distance. In the middle ground, several people are scattered across the beach, some standing and others sitting. Further back, there are several large, light-colored umbrellas or structures. The ocean is visible on the right side, with gentle waves breaking against the shore. The sky is a deep, clear blue with a few wispy clouds near the horizon. The overall scene is bright and open, capturing a serene moment at the beach.

Low Tide....



Swim.....

Walking across -
interdisciplinary



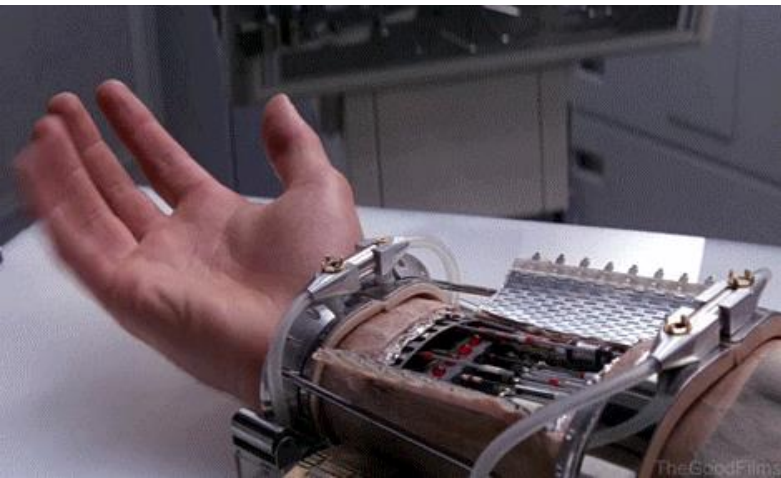
CASE STUDY: Makerspace





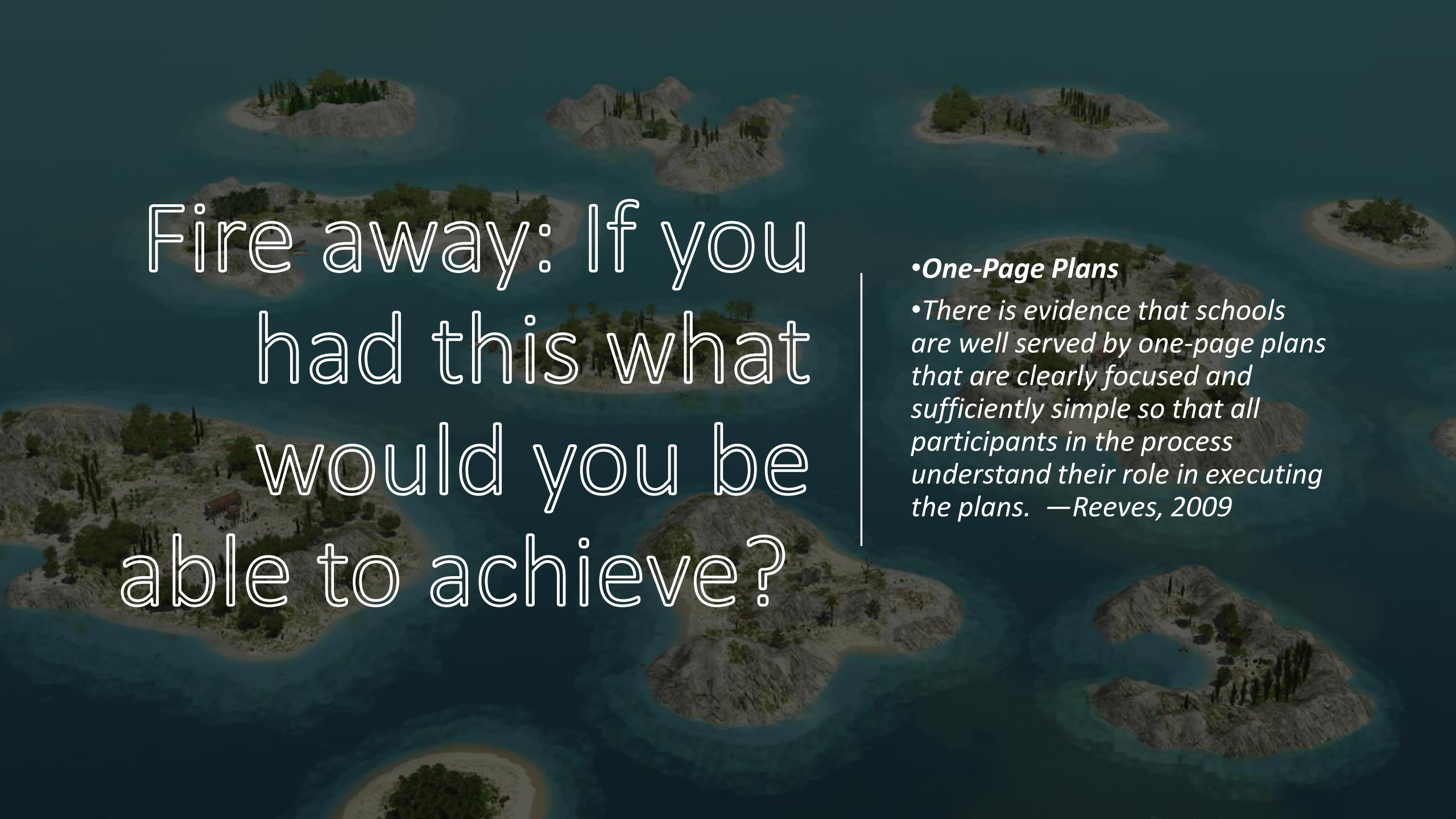
CASE STUDY: STEM Day

- 8 forums
- Vertical age groups
- Hands-on
- Showcase



Building Bridges





Fire away: If you
had this what
would you be
able to achieve?

- **One-Page Plans**

- *There is evidence that schools are well served by one-page plans that are clearly focused and sufficiently simple so that all participants in the process understand their role in executing the plans. —Reeves, 2009*

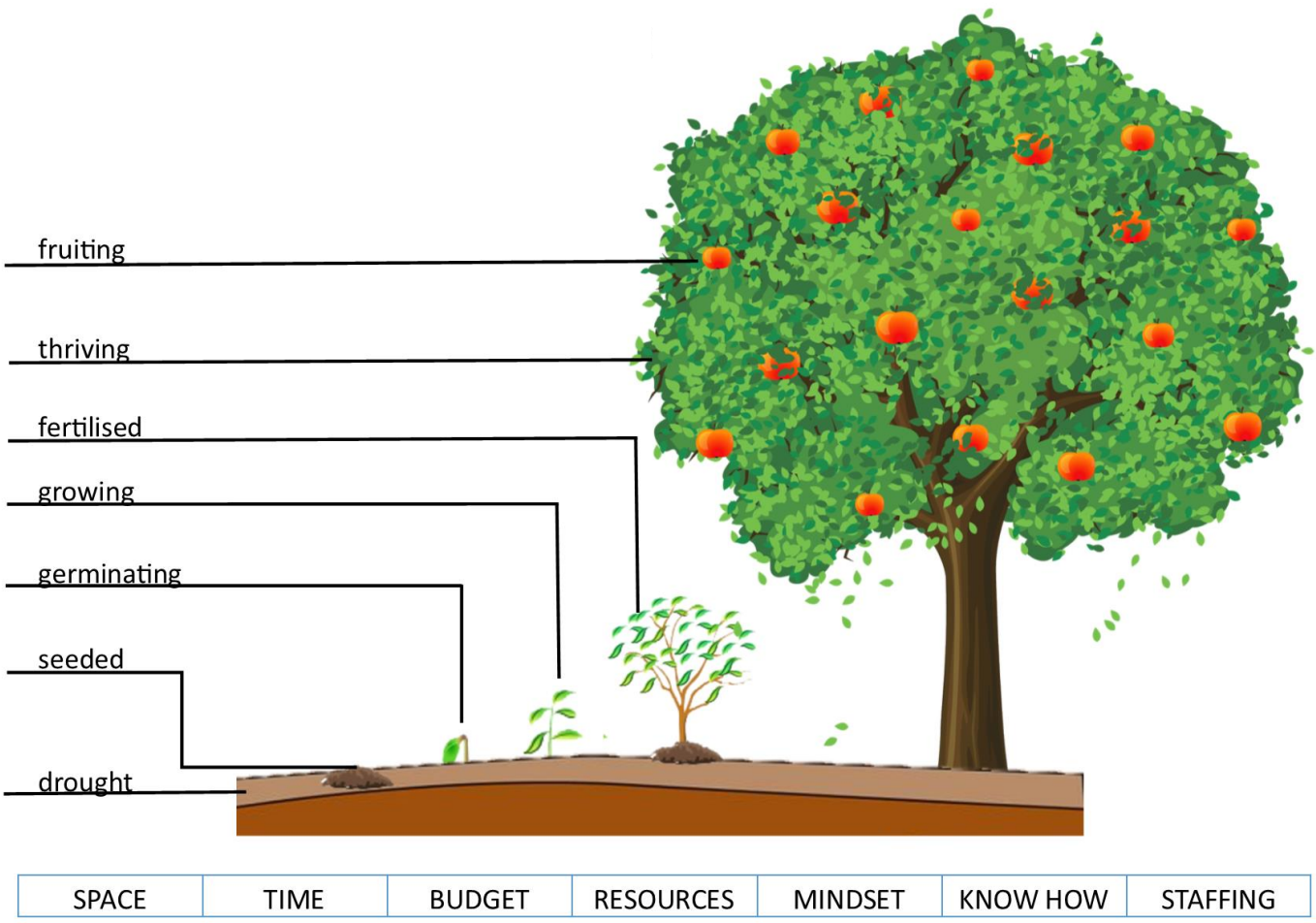
Reflection -
Next steps for you

You can play/We
can play



Scale of Conditions for Innovation

- Where can you move one more step up the scale?





Persistence Creates Connected Opportunities

- Whole School
- New Roles
- Distributed Leadership
- In- curriculum opportunities
- Finding electives & gaps



Key Take-Aways

Finished but not Finished