

CBE Sprint

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CBE Sprint

a super-fast introduction to Challenge-based Education

- ☐ *60 mins long sprint*
- ☐ *Active*
- ☐ *Fast-paced*
- ☐ *Quick decisions*
- ☐ *Interactive*

1. Get to know your team (2')

Name:

Institution:

Connection to topic:

Name:

Institution:

Connection to topic:

Name:

Institution:

Connection to topic:

Name:

Institution:

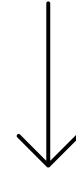
Connection to topic:



2. Choose your big idea (2')



“Learning with, in and for society”



Your big Idea

Tips:

- *Choose one big idea*
- *Don't define it as a problem*

3. Essential Questions 6' (2' + 4')



1

1. Which questions are important for you, resonate with you?
2. Which questions do you share?
3. What kind of challenge is this linked to?

2

3
How might we...

1

1

- Tips:**
- Focus on personal interests and needs
 - Then on shared interests and needs regarding the big idea

1

4. Guiding Questions 5'



1. Formulate guiding questions on what you need to learn to model informed solutions...

2. Select 4 questions and divide amongst your team members



5. Desk Research 5'



Notes guiding question 1

Notes guiding question 2

Notes guiding question 3

Notes guiding question 4



6. Conclusions 5'



Conclusions for the guiding question 1

-

Conclusions for the guiding question 2

-

Conclusion

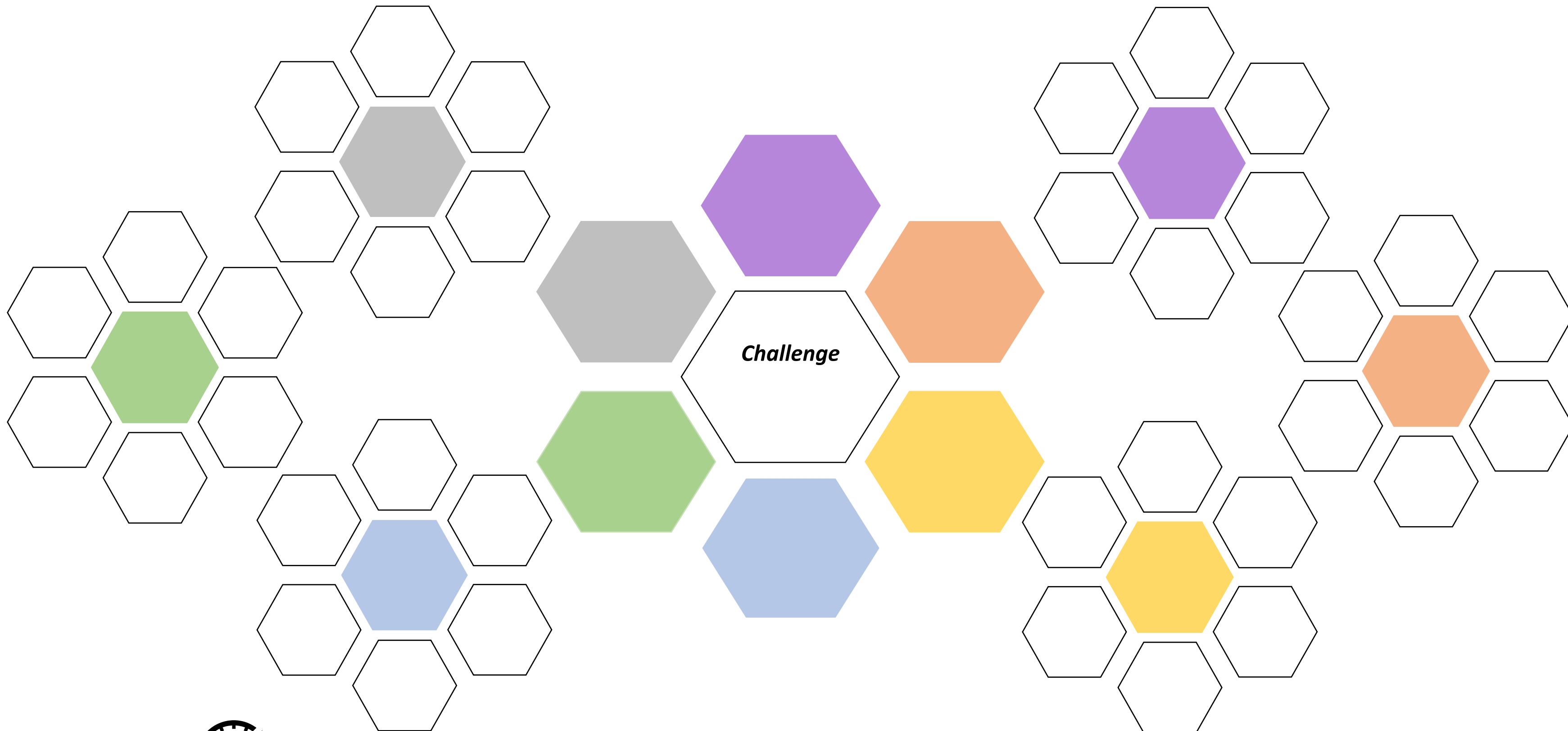
Conclusions for the guiding question 3

-

Conclusions for the guiding question 4

- 111

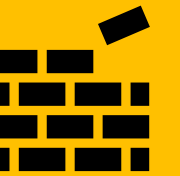
7. Brainstorm Solutions 6' + 2.5'



A collection of ten dashed squares arranged in two rows of five. The squares are intended for a dot-marker activity where students place a dot in each square.

Which among these is the riskiest one, and will have the biggest impact on your solution if untrue?

9. Model a solution 7'



Build, model, visualise your idea. Make it tangible keeping the riskiest assumption at the back of your mind. Can you test this assumption in any way?

Tips





- Don't "over-discuss" it
- Can you get people looking at your solution model to interact with it in any way?



10. Test the model 5'



Show your model to your tester. What do they think?

 <i>What works</i>	 <i>What doesn't</i>
 <i>Questions</i>	 <i>New Ideas</i>

11. Reflect 4'



***Based on the feedback you received, what would you change in your solution?
Where and how would you iterate in the process?***

- _____

CBE Framework



Distinguishing features of CBE

- 🌐 *Global themes and challenges*
- 📷 *Multidisciplinarity*
- 🤝 *Collaboration*
- 🎭 *Innovation and Creativity*
- 🏃 *Flexibility*

Types of challenges

Challenge-based Education can widely vary in intensity and duration.

☐ ***Nano***

Shorter, lower intensity, discipline focussed, and teacher directed e.g. CBE Sprint

☐ ***Mini***

2-4 weeks, increased student autonomy, multidisciplinary, stepping stones for longer challenges e.g. CBE plug and play in existing courses

☐ ***Standard***

More than 4 weeks, complete student ownership, challenges evaluated in authentic setting e.g. ENLIGHT global education module

☐ ***Capstone***

Similar to standard challenge but culminating in an academic milestone for students. E.g. thesis for graduation



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Thank you!

CBE Sprint  *(inspired by Design thinking methodology of 'Design Dash')*

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