



Creative and Innovative thinking 2.2 Unlocking Creative Potential



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Learning Outcomes:

Knowledge	Skills	Competences
<ul style="list-style-type: none"> -recall at least 3 characteristics of creative thinking¶ -recall at least 3 characteristics of innovative thinking¶ -explain the differences between creative thinking and innovative thinking¶ -explain the value of creative thinking in STEM (science, technology, engineering, math) and therefore industrial branches¶ -explain the value of innovative thinking in industrial branches 	<ul style="list-style-type: none"> -facilitate creative thinking in a WBL context using at least 3 different techniques¶ -facilitate innovative thinking in a WBL context using at least 3 different techniques 	<ul style="list-style-type: none"> -evaluate own creative and innovative thinking skills¶ -evaluate creative thinking skills and potential of WBL learners¶ -evaluate innovative thinking skills and potential of WBL learners¶ -evaluate areas of improvement and choose suitable methods to foster creative and innovative thinking skills in a WBL context¶ -choose a suitable creative thinking technique for a specific purpose or to reach a specific goal¶ -choose a suitable innovative thinking technique for a specific purpose or to reach a specific goal¶ ¶

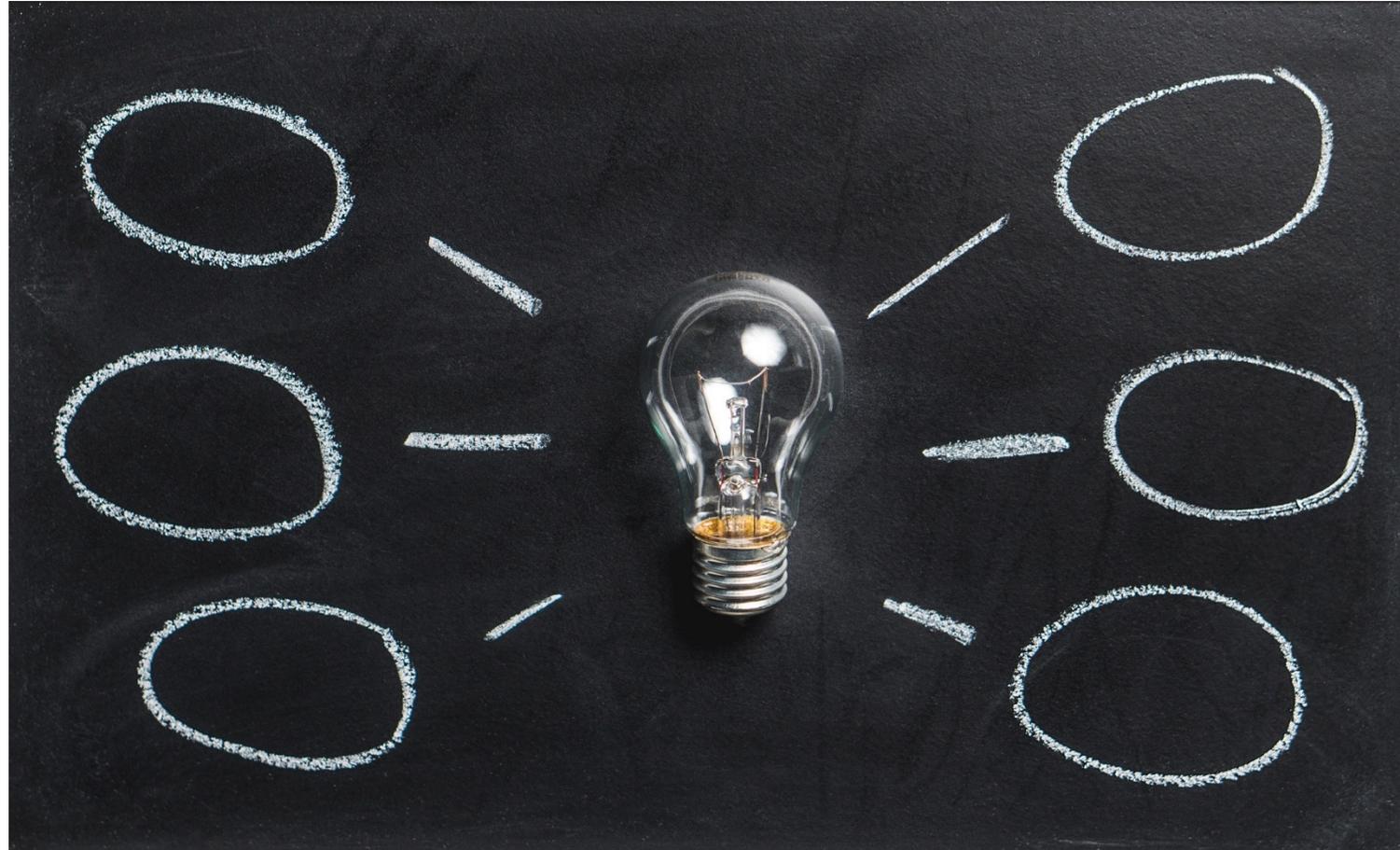


Introduction

- Videos about creative thinking
- Reflection and discussion
- Some illusions
- Creative Hats
- Creative Workshop



Are there any questions before we start?



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How do we become more creative?



A man with a full brown beard and short brown hair is speaking at a TED event. He is wearing a dark grey blazer over a white t-shirt and has a small gold microphone clipped to his beard. He is gesturing with his right hand. The background is dark grey with the word "Copper" in white and the "TED" logo in red on the left.

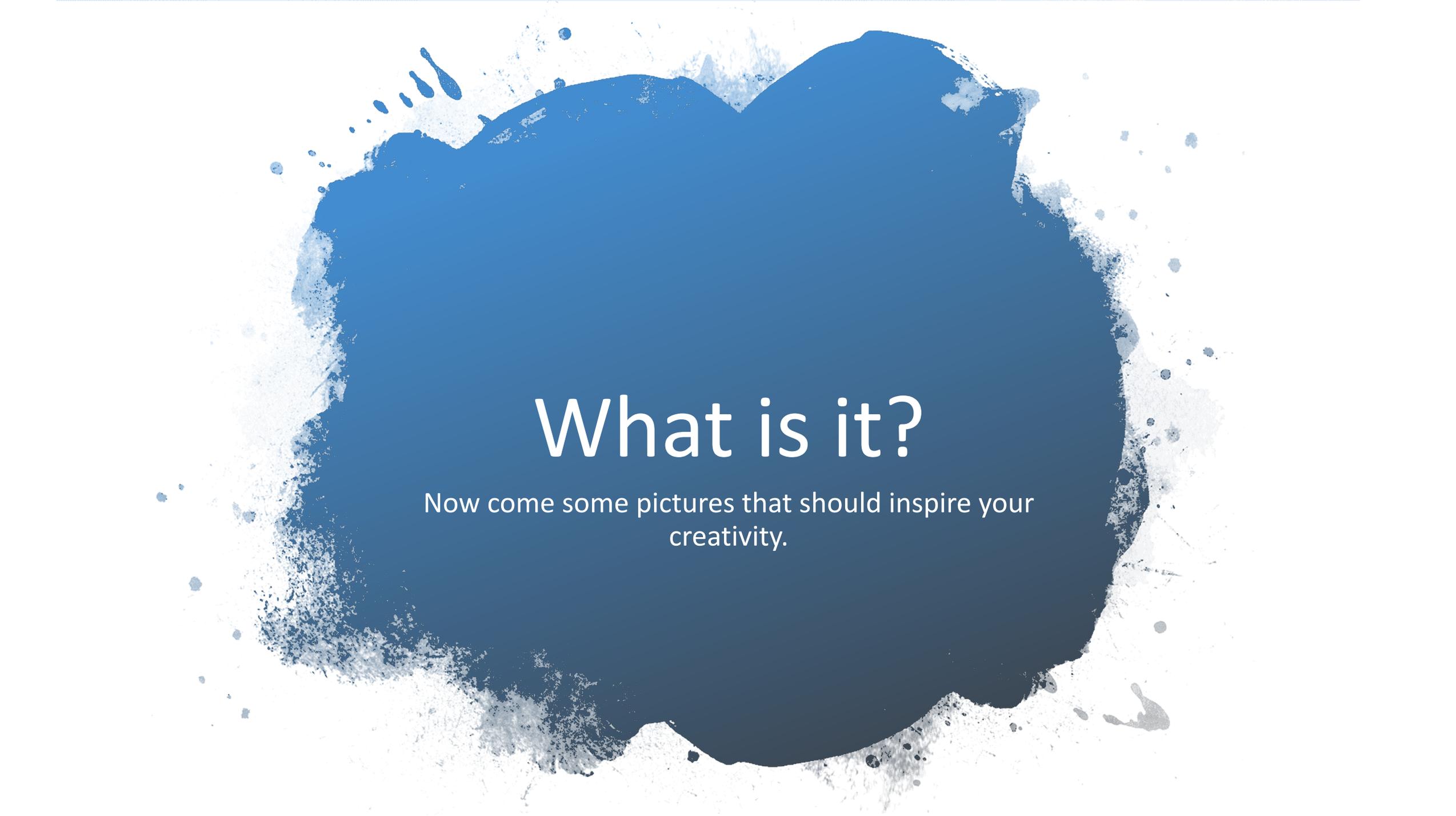
TED

Copper

Reflect

- What can you take from the video?
- Which of the three tools would be helpful for you?





What is it?

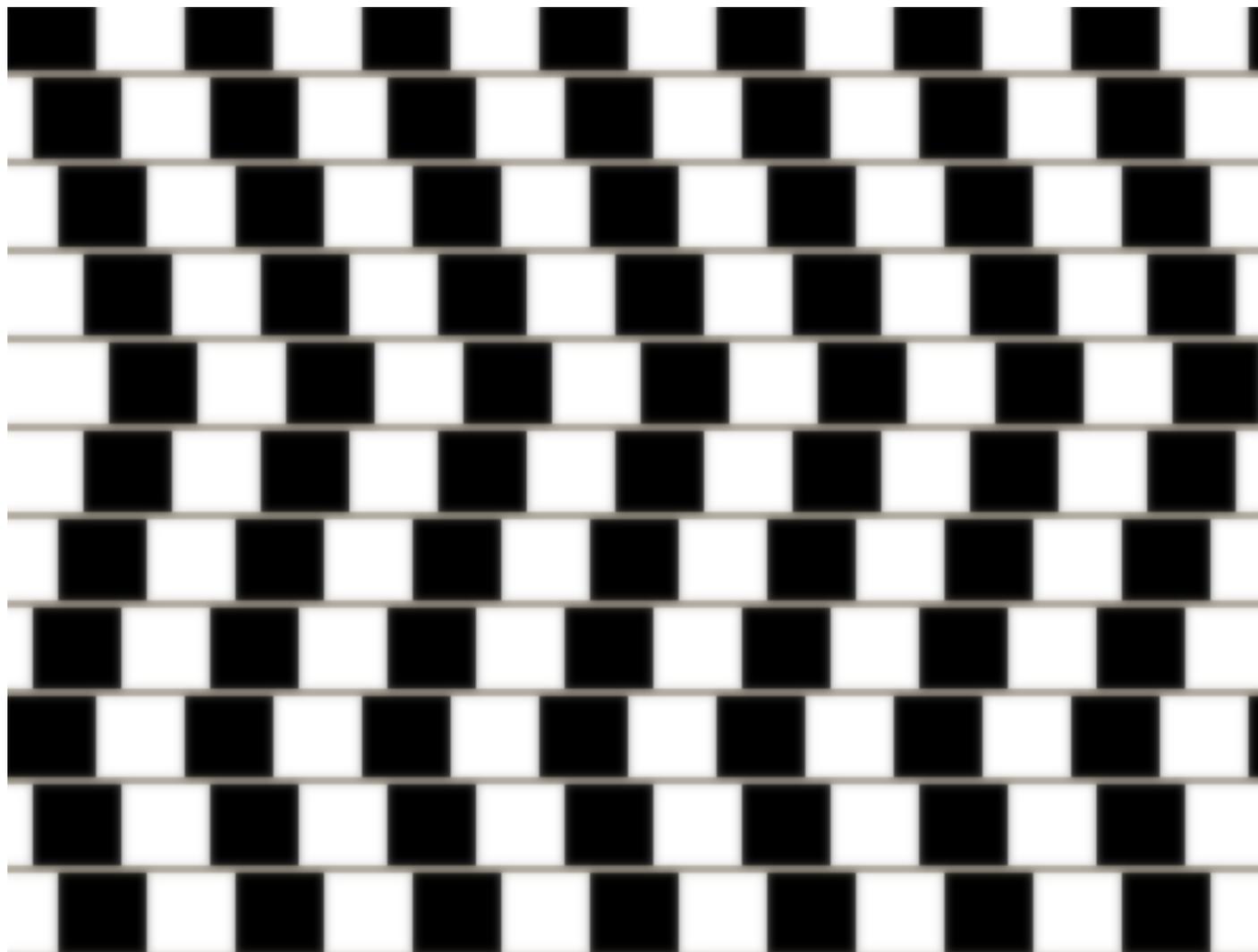
Now come some pictures that should inspire your
creativity.



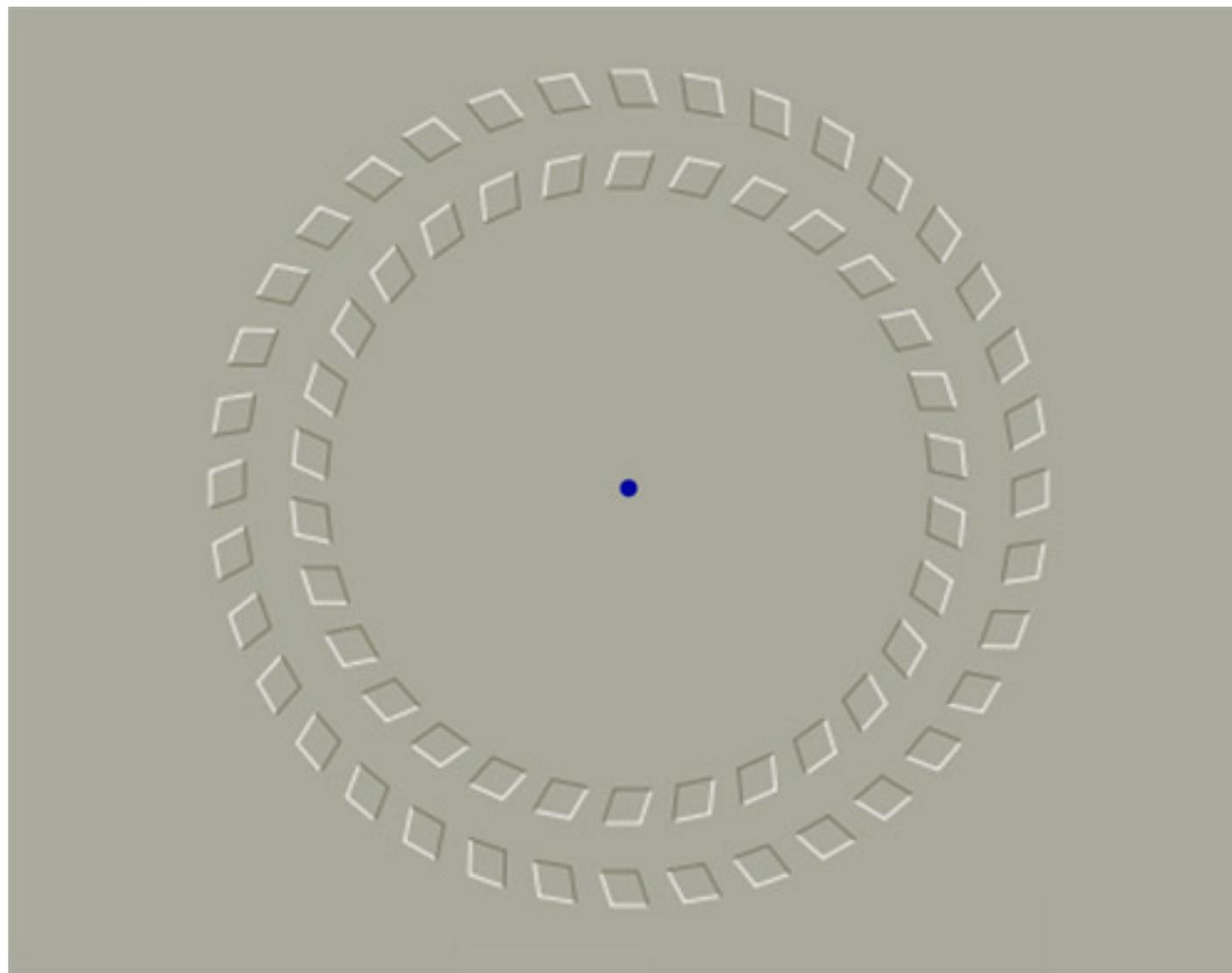
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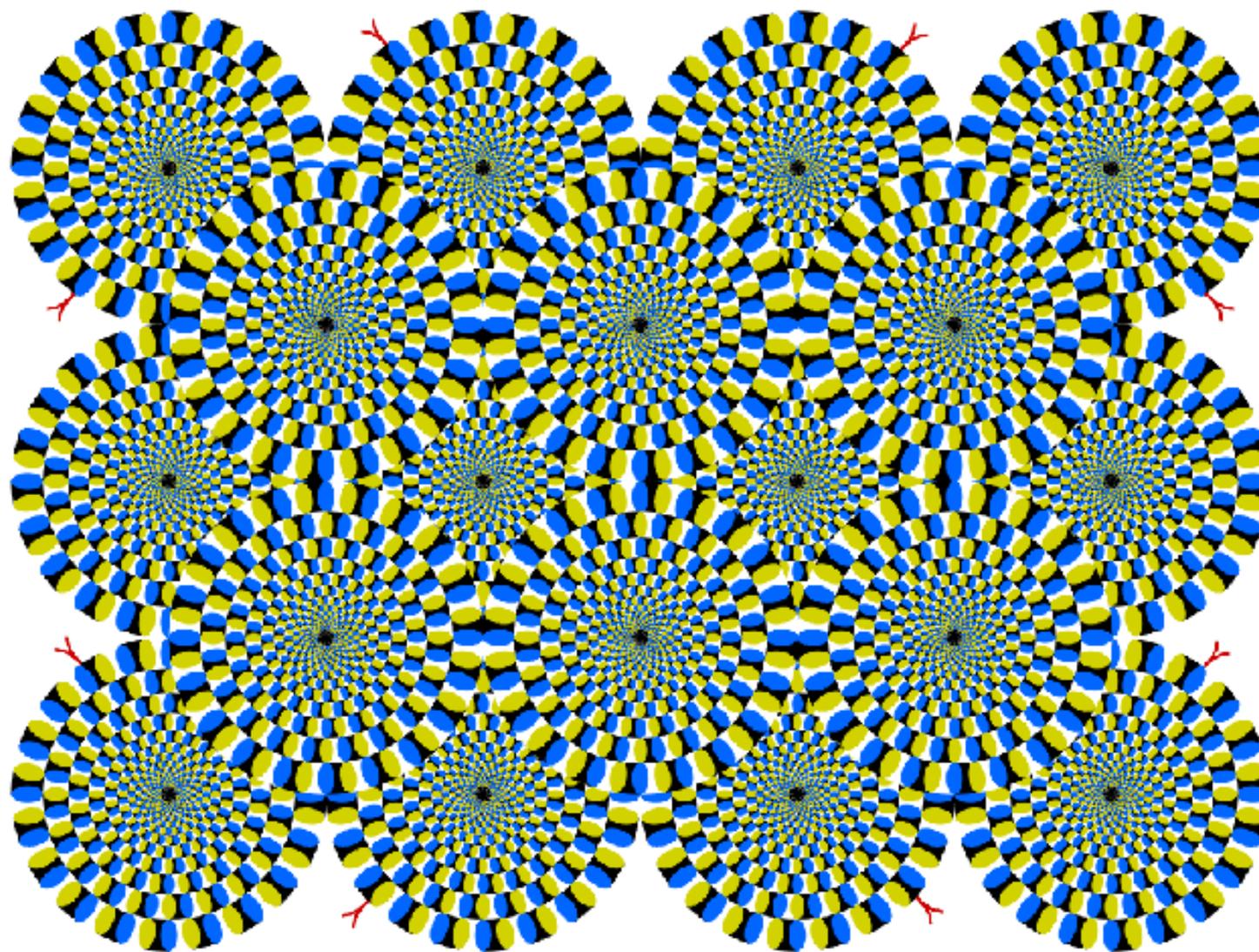






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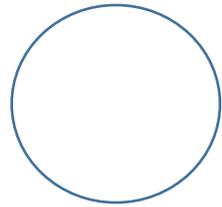
What would you need to become more creative?

- Think for five minutes about what you would need to be more creative?
- Write down 2-3 words about what should happen to get more creative.

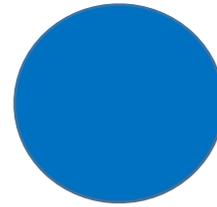




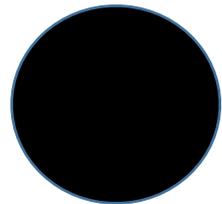
The Six Hats of Thinking



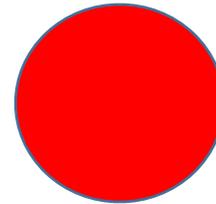
FACTS
information known or needed



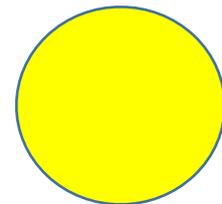
PROCESS
Manage the thinking process



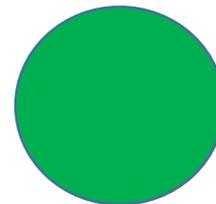
CAUTIONS
Caution and critical thinking



FEELINGS
Feelings, hunches and intuition



BENEFITS
Brightness and optimism



CREATIVITY
possibilities, alternatives and new ideas





Let's get
creative!



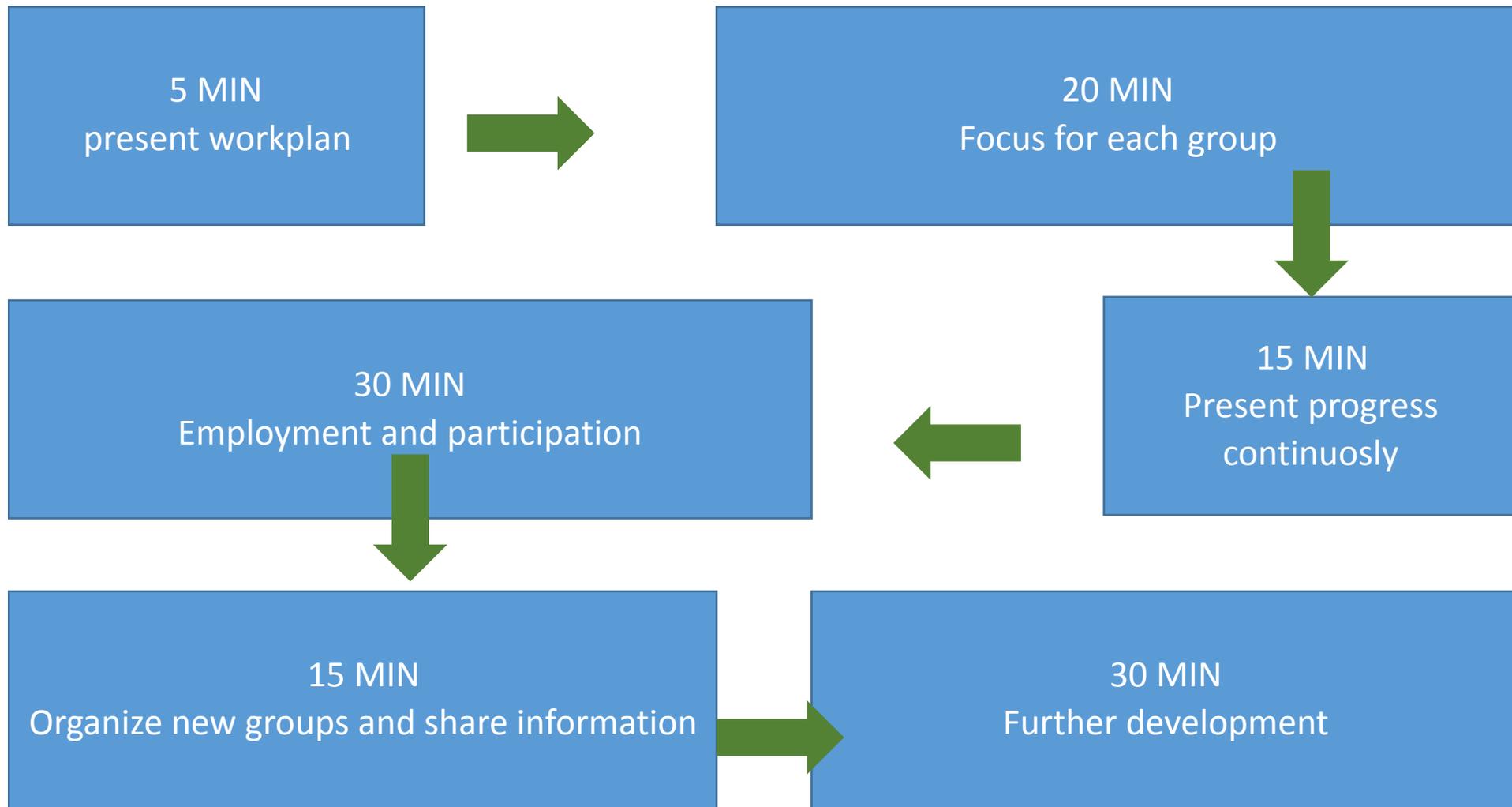
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- <https://www.youtube.com/watch?v=I5vls7ejw44>





SCAMPER



and see how many different
products of smarties we can come up with
using



let's take

and this is how it works...



SCAMPER Method

- What does **SCAMPER** stand for?
- Substitute
- Combine
- Adapt
- Modify
- Put to another use
- Eliminate
- Reverse



SCAMPER



and see how many different
products of smarties we can come up with
using



let's take

and this is how it works...



SCAMPER



- S**ubstitute
- C**ombine
- A**dd
- M**odify
- P**ut to another use
- E**liminate
- R**everse

Creative checklist



Now is your chance to try SCAMPER!

- Go together in teams of four people and think about a topic you would like to work on.
- Ideally it has something to do with creativity and VET
- Try the SCAMPER Method
- You have 40 minutes
- Then reflect and discuss this method



Now is your chance to try SCAMPER!

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Thank you for your attention!



Project partners

