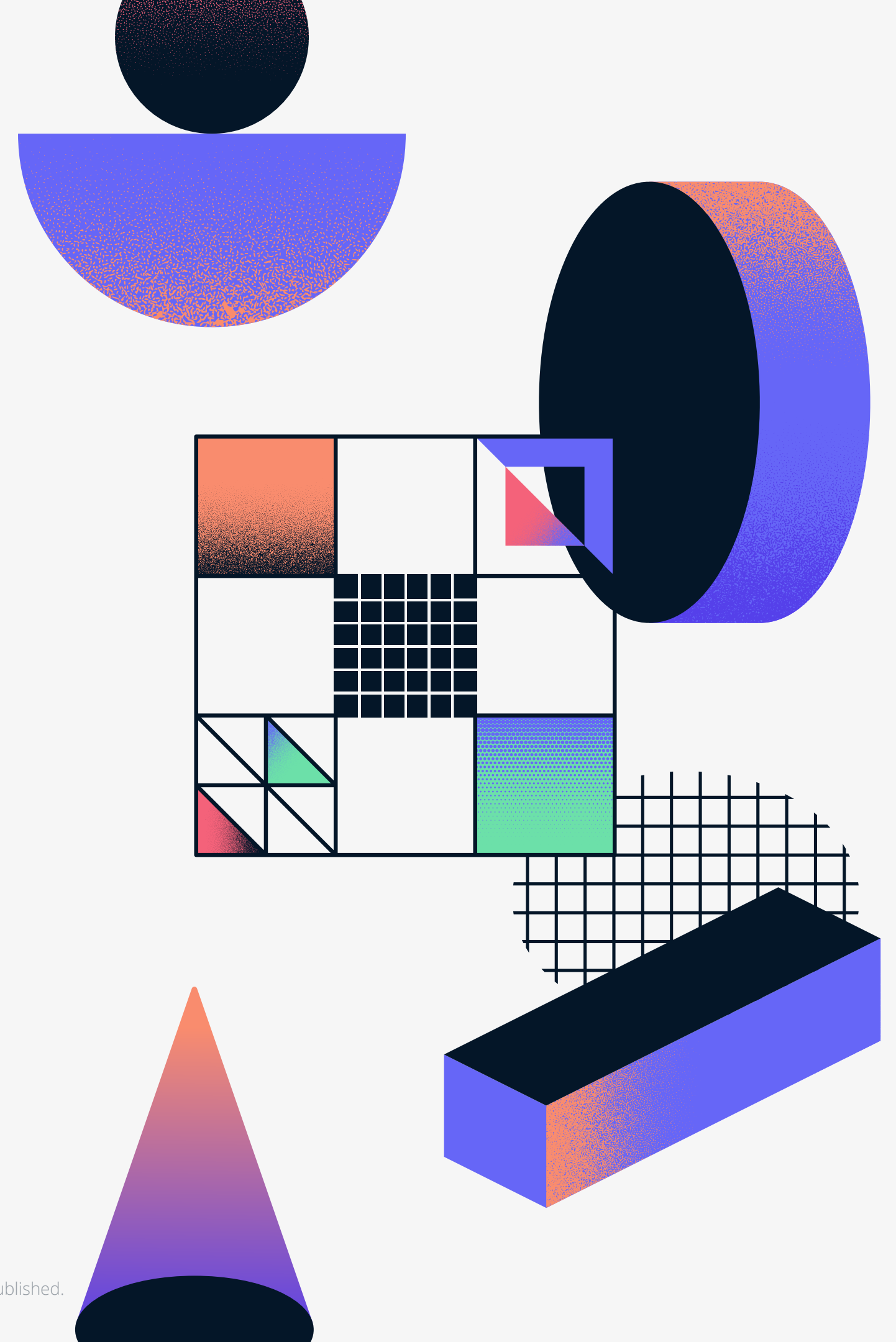


Unit 2

Convergent and Divergent Thinking

Creative Thinking



Class schedule and goals

- Introduce vocabulary
- Practice convergent and divergent thinking
- In-class activities and presentation
- Project Information

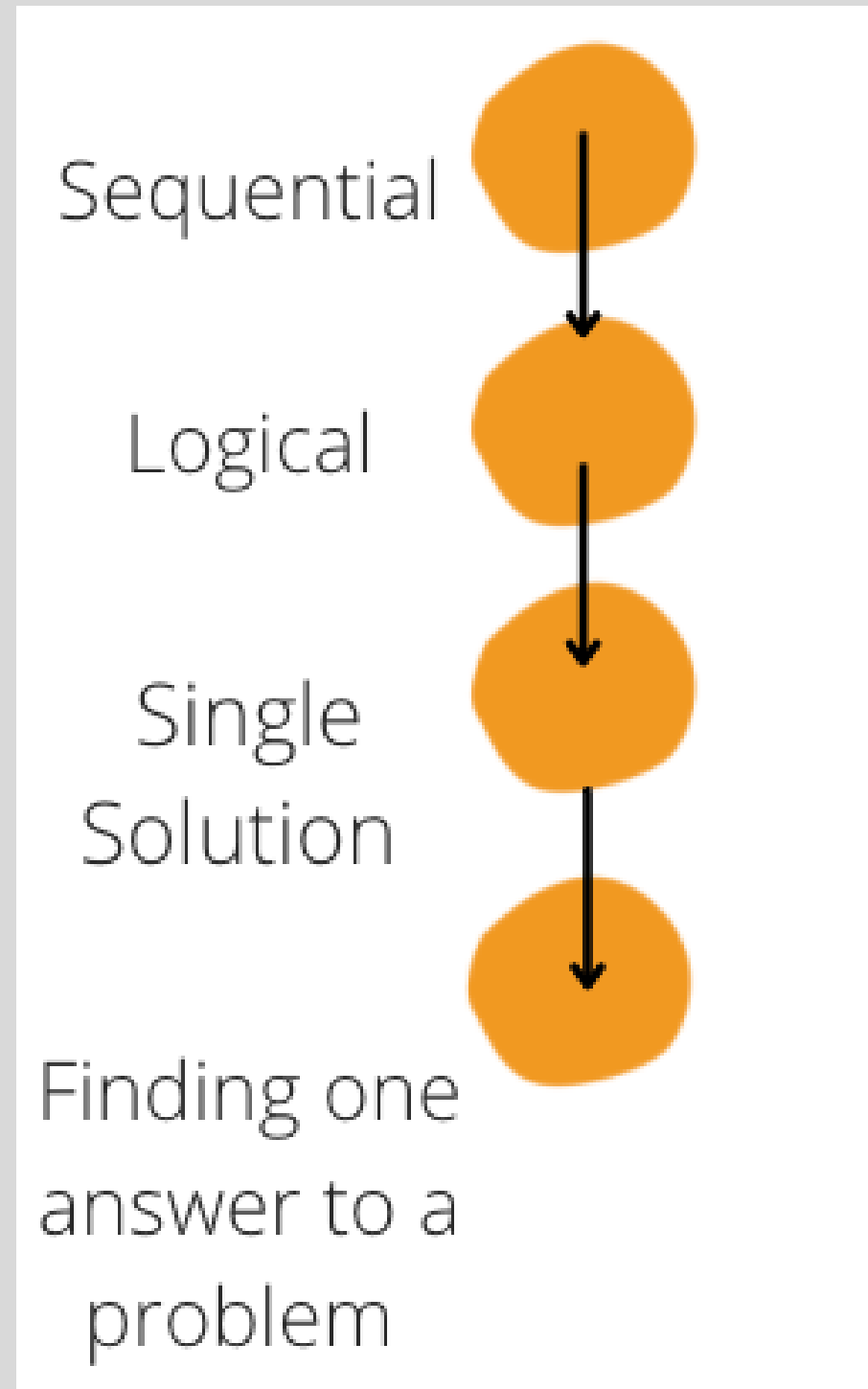
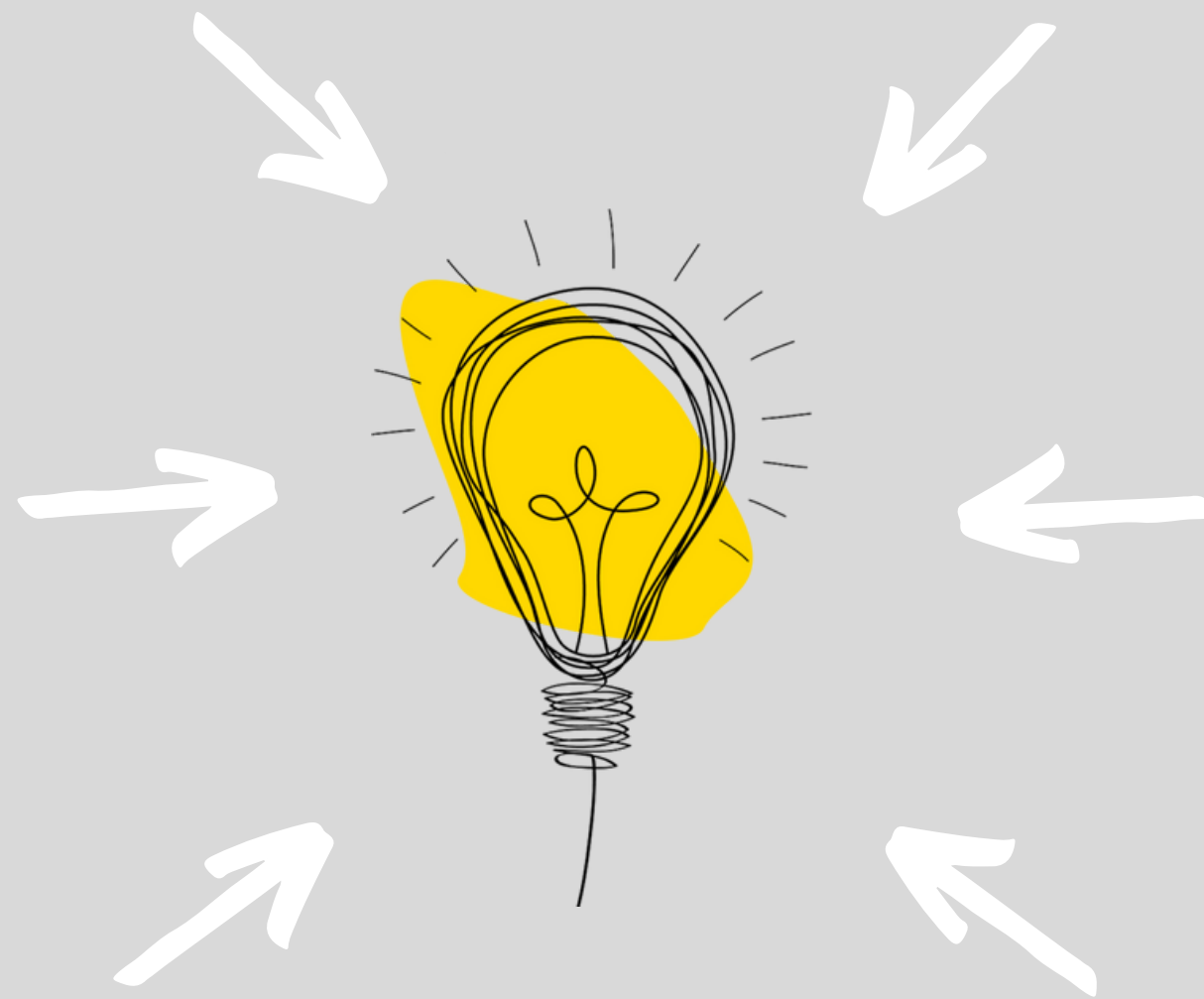
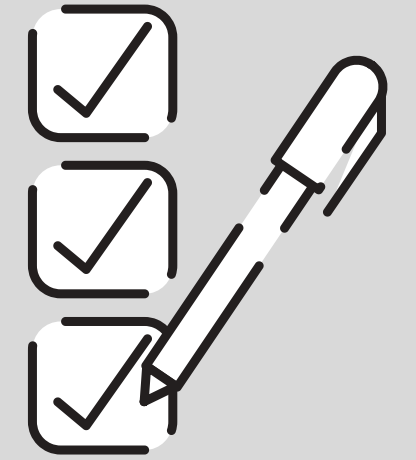


J. P. Guilford – 1957

Hypothesized creativity is a way of thinking using both convergent and divergent thinking.

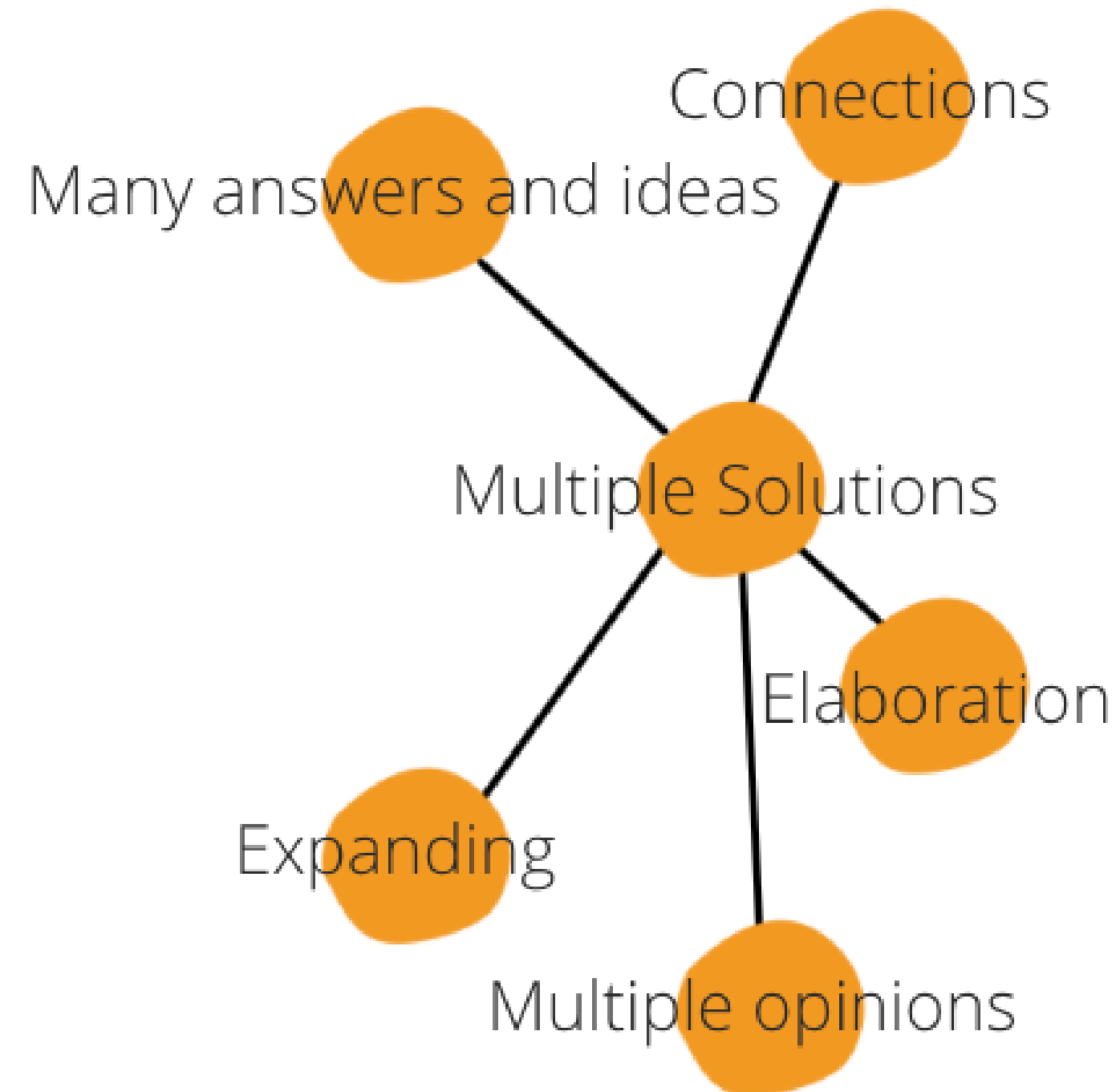
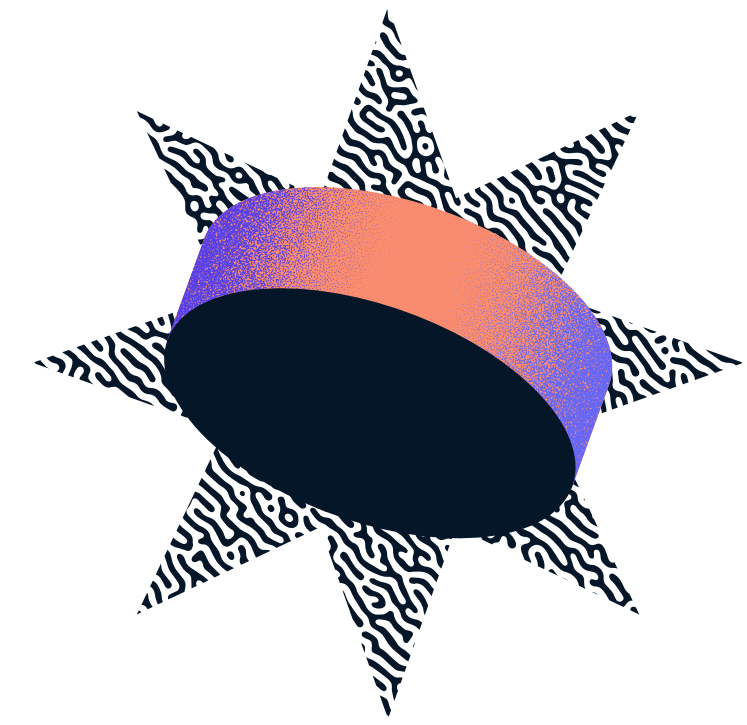
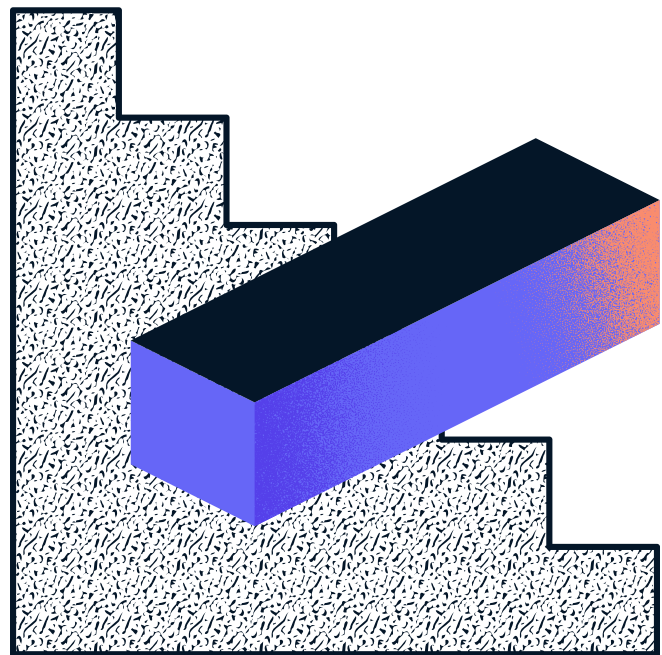


- **Convergent Thinking:** To move towards one solution, answer or central idea. Using logic and reasoning to get to one answer.

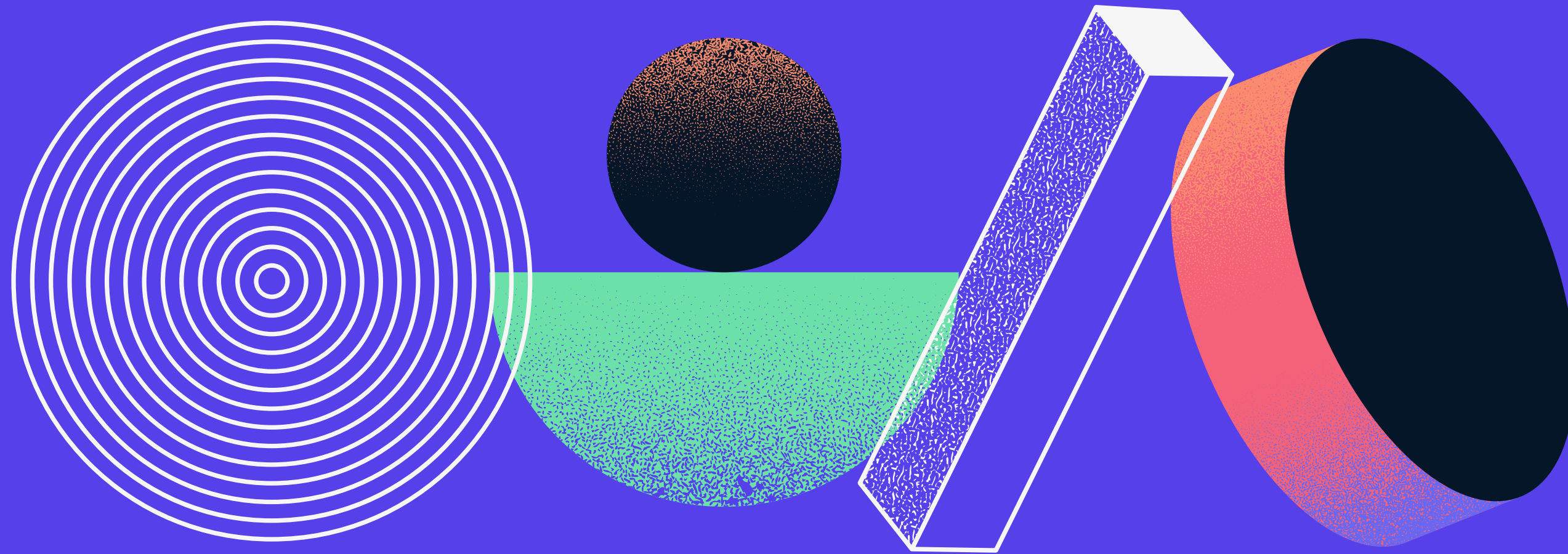


● **Divergent Thinking:** The opposite of convergent thinking. Thinking in multiple and different directions too many answers and options. Finding different perspectives.

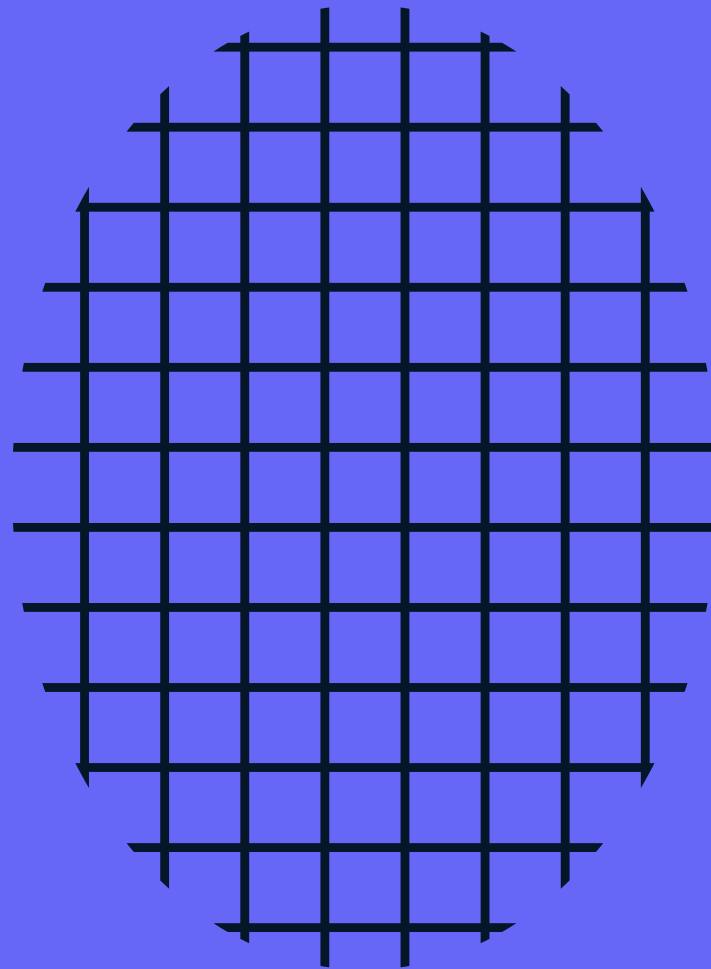
- Fluency – Many ideas
- Flexibility – Different types of ideas
- Elaboration – Developing the ideas
- Originality – Unusual or new ideas



Discuss other uses for a lightbulb



Draw or discuss what
this image could
transform into





Think of new sounds
this dog could make



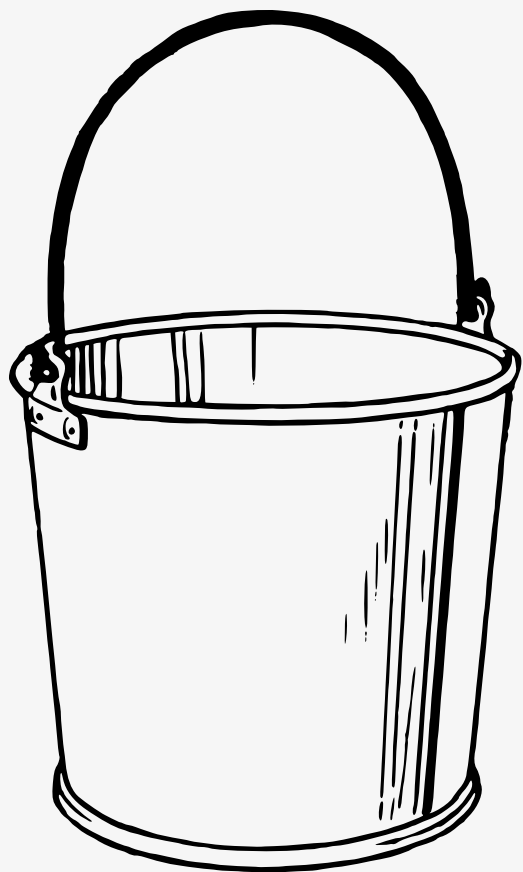
Activity Instructions

- Alone or in small groups explore the items
- For 10 minutes discuss and list as many possible ideas or inventions using the items
- Pick 1 – 2 main ideas and elaborate on how to create and use this new creation
- Present your new creation to the class

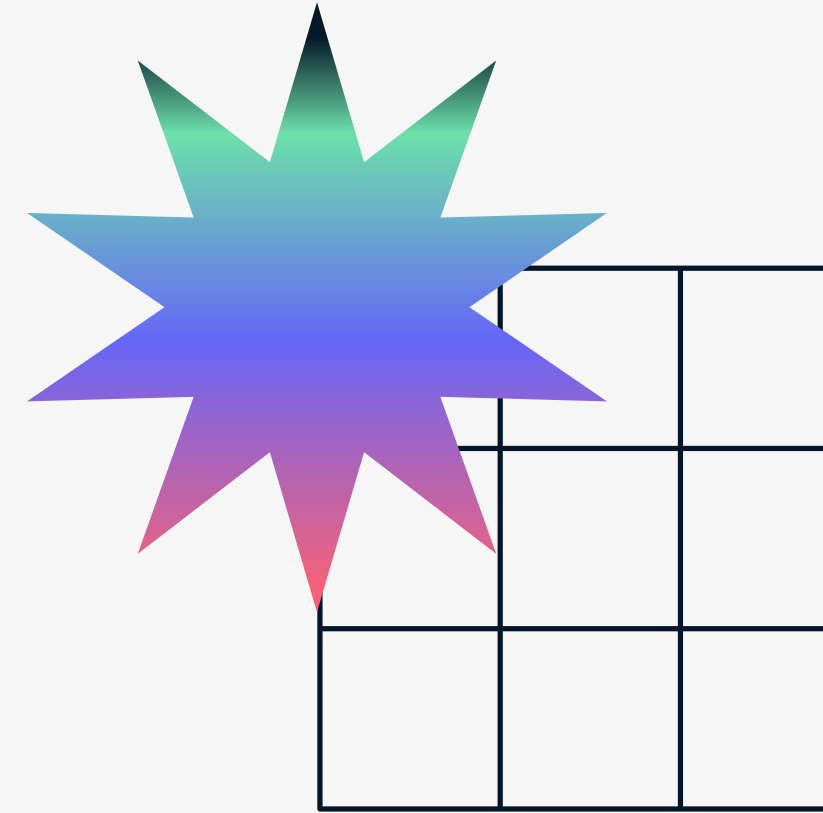


Reimagined Endings...

- Jack and Jill
went up the hill
to fetch a pail of water...



- What happens next?
- What is the best thing that could happen?
- Change one word in the rhyme? What about one letter?
- Change the location?



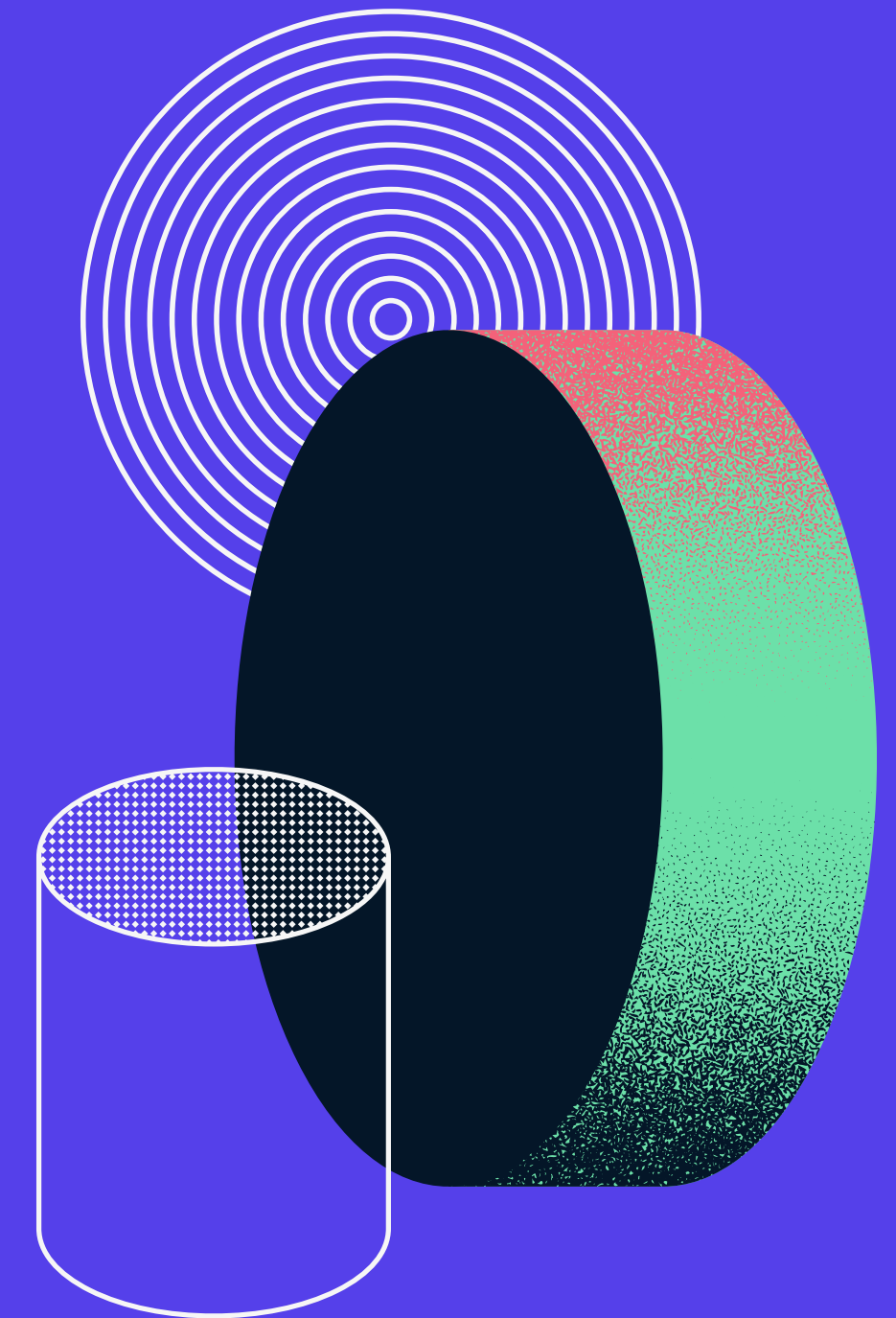
Activity Instructions

- In small groups read the story card you are given
- Discuss and plan a different ending
- Plan and practice a short skit acting out your alternative ending
- Present your short skit to the class
- You have 20 minutes

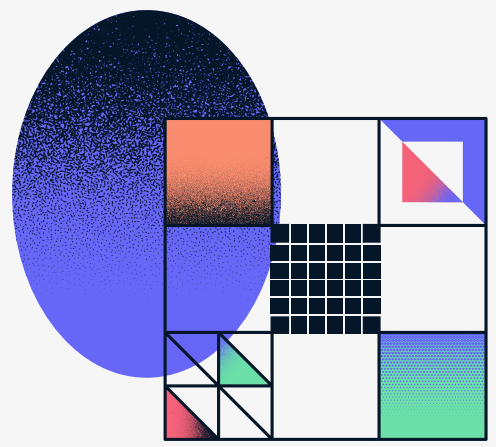


Class Discussion

- What is convergent and divergent thinking? Share some examples / experiences from the class.
- Why is it important to use both convergent and divergent thinking?
- How can you use both convergent and divergent thinking in your life?
- How did you feel while working and presenting with my peers today?



Project – New Solutions



- Discuss and brainstorm what you enjoy about your classroom and school.
 - Discuss and brainstorm challenges/problems in your classroom and school.
 - As a group use convergent thinking and pick one problem.
 - Brainstorm possible solutions to this problem.
 - As a group, decide on the best possible solution.
 - Plan, execute and implement this solution.
-
- Reflection Questions:
 - What worked well?
 - What needs to be improved? Are these small or large changes?
 - How can you apply this kind of problem solving in other situations?

