

# How resistance can turn into curiosity?

**The Open Maths approach**

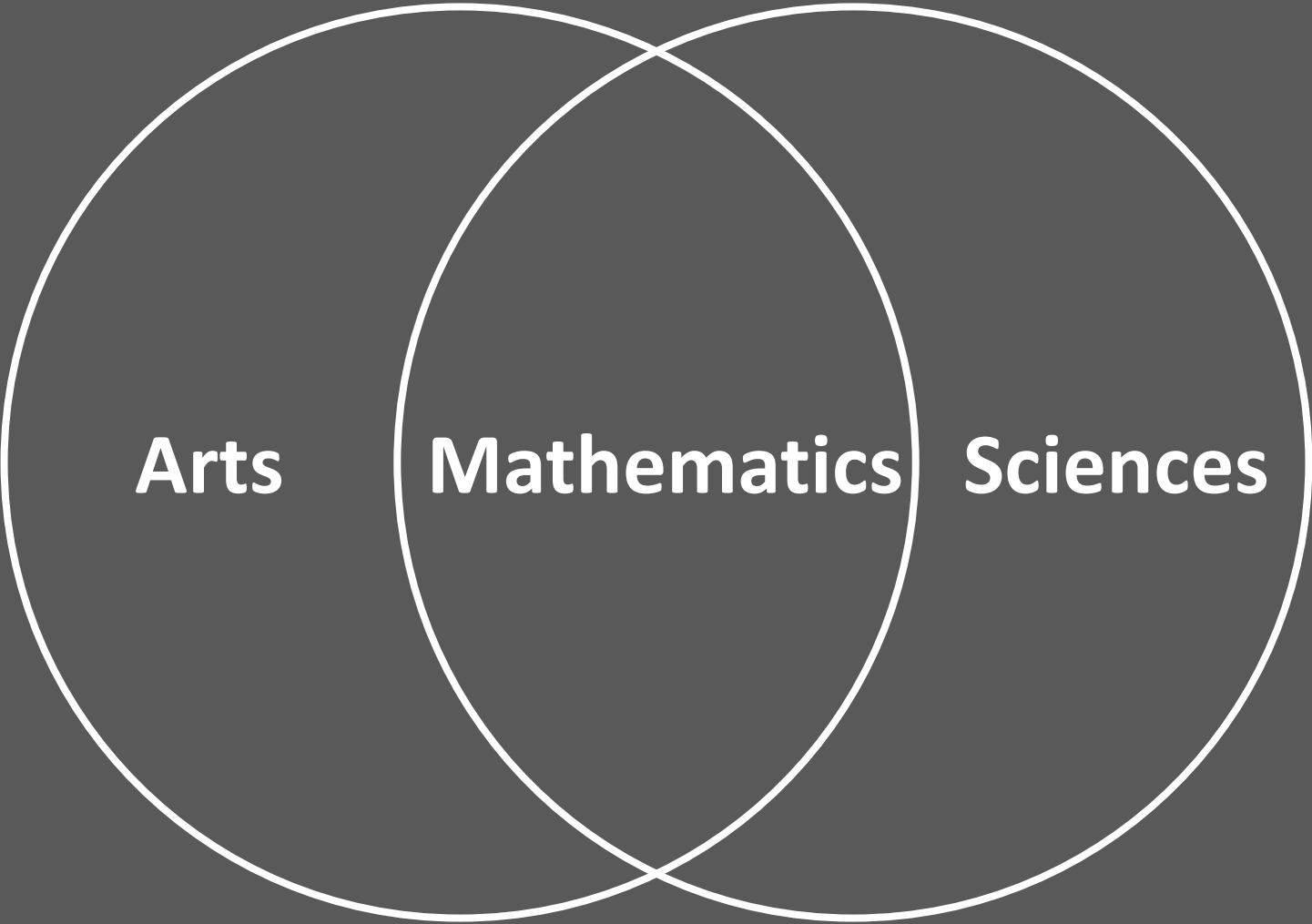
June 18, 2019

Greg Alpar, Open Universiteit ([greg.alpar@ou.nl](mailto:greg.alpar@ou.nl))

# Plan for today

- 10-minute pitch
- Learning
- Mathematics
- Evaluation

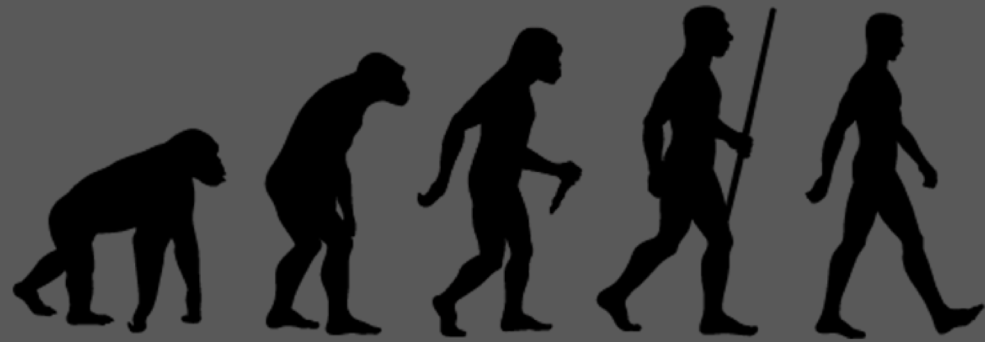
Is mathematics a gift?

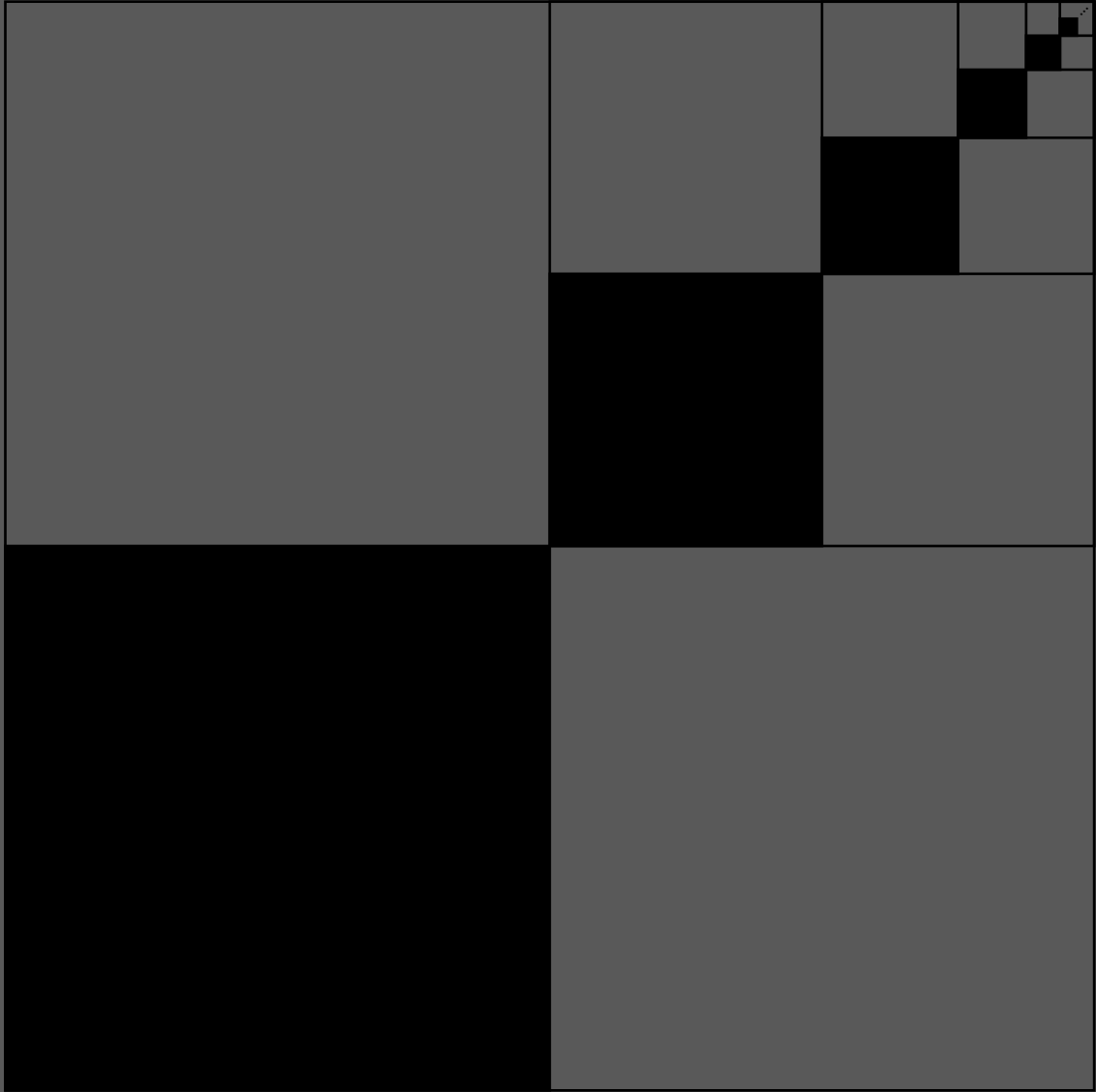


**Arts**

**Mathematics**

**Sciences**





Motivation

Connections

Practice

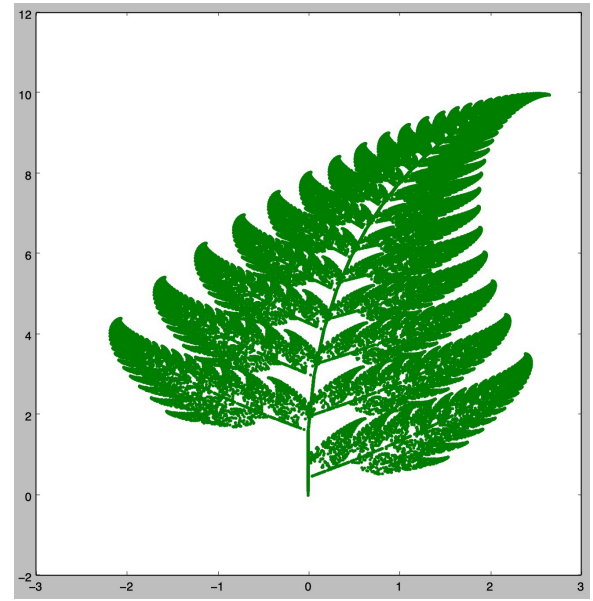


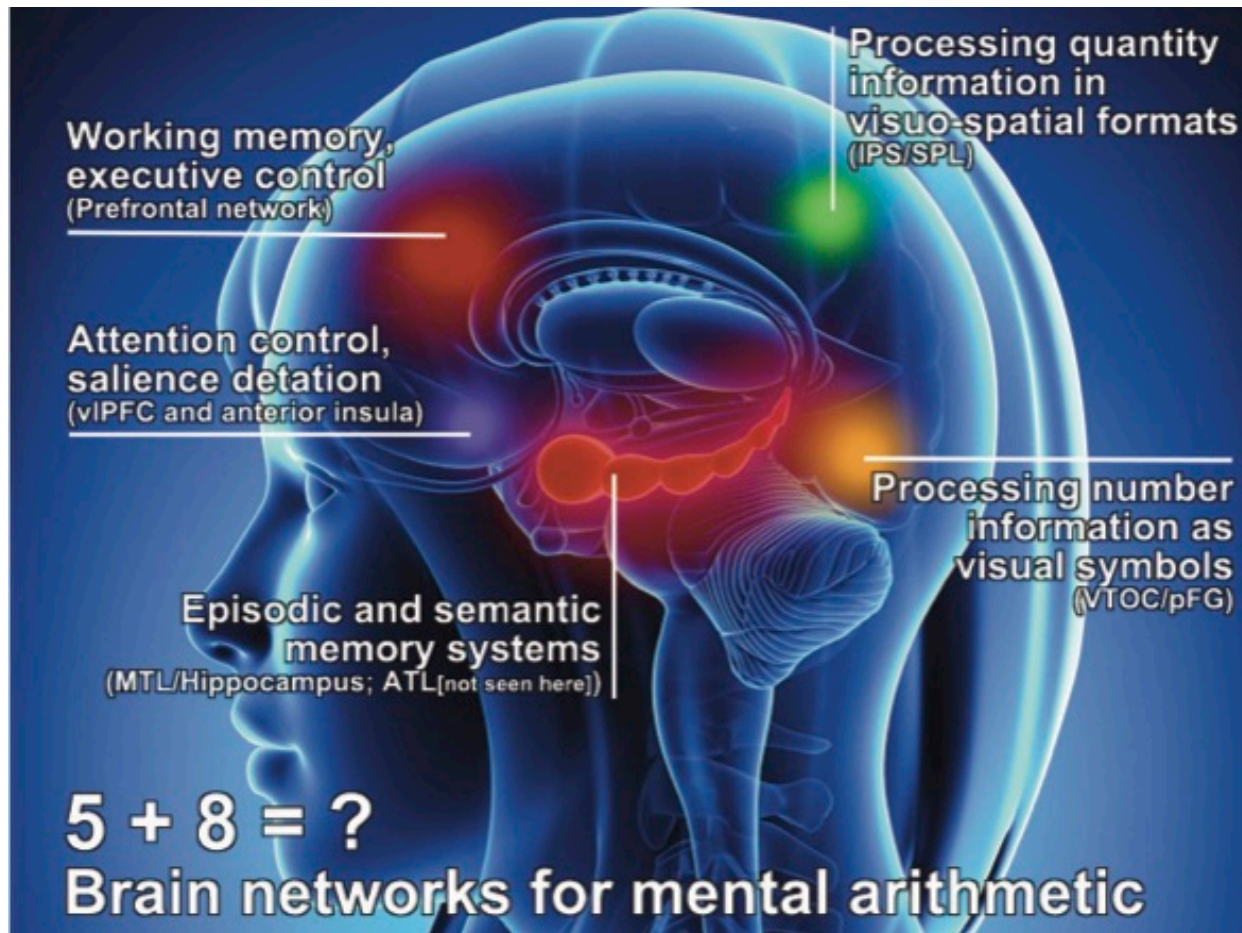
Learning

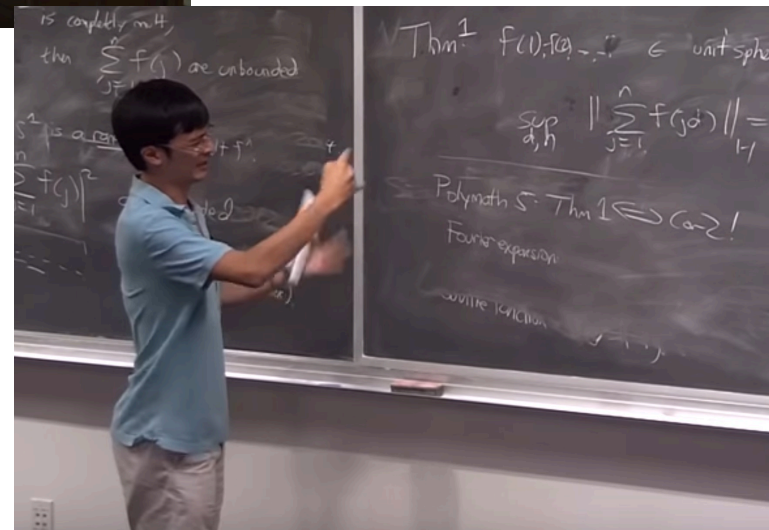




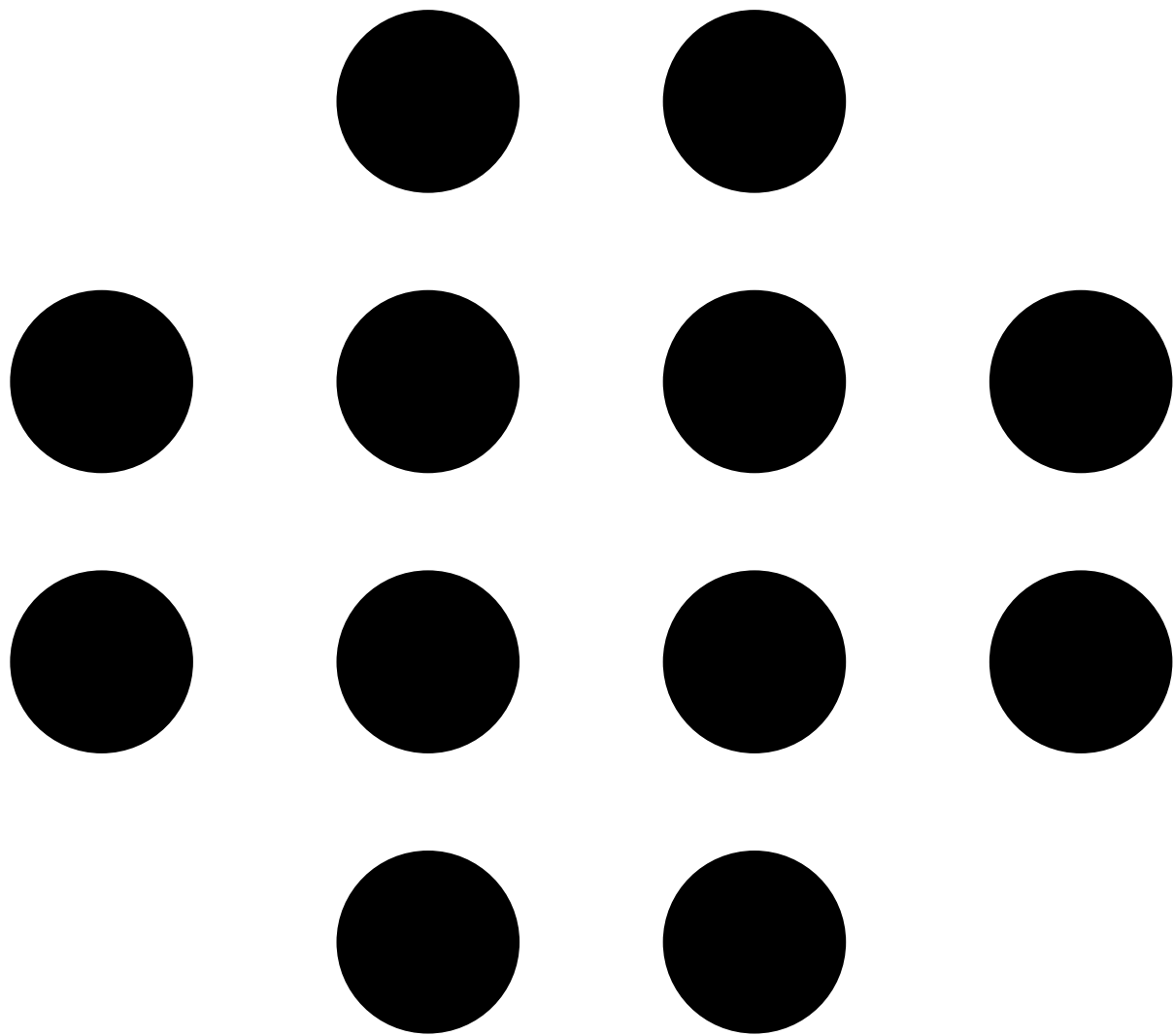
Open Maths

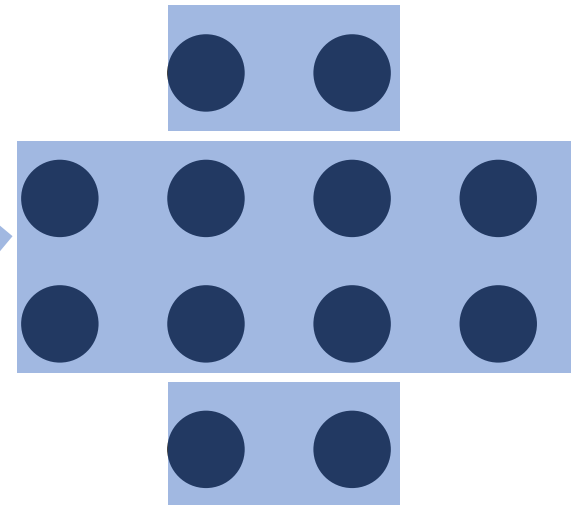
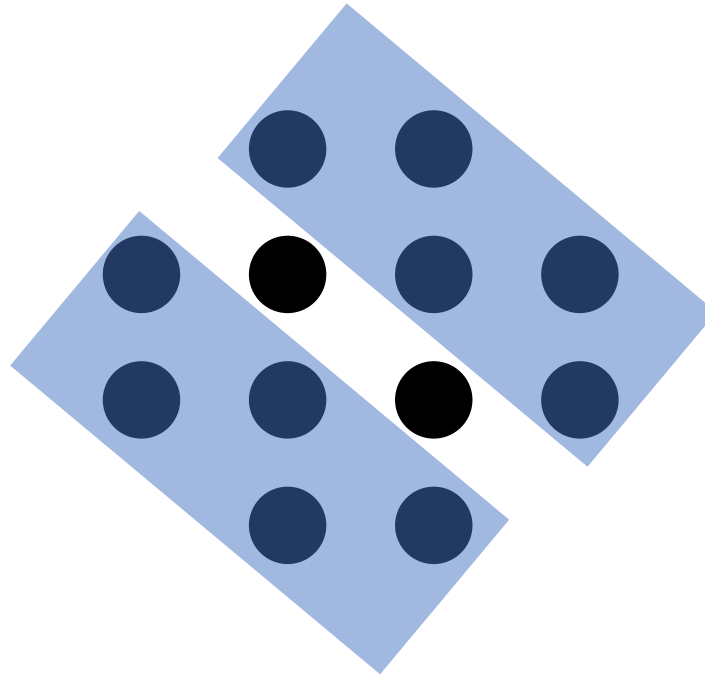
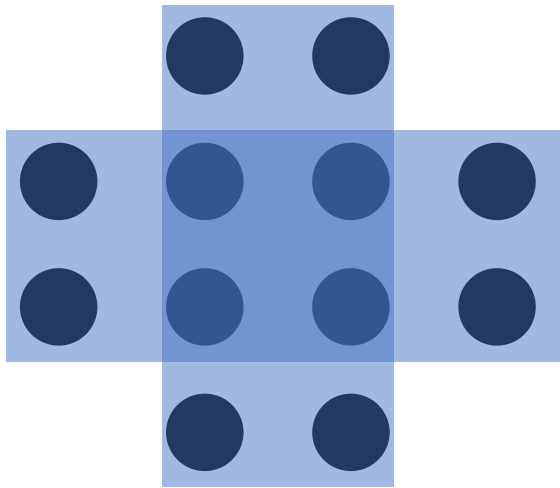
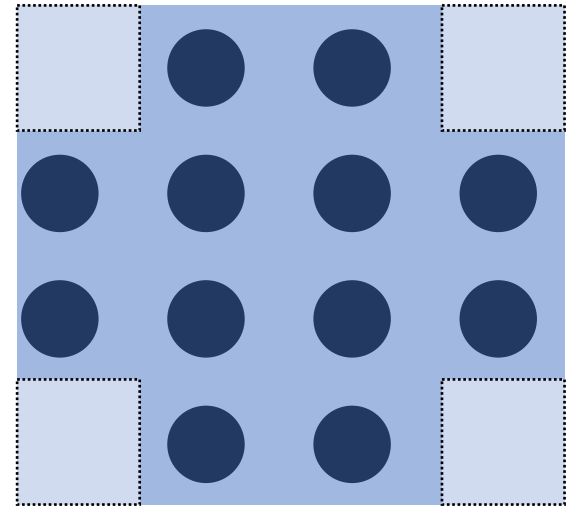
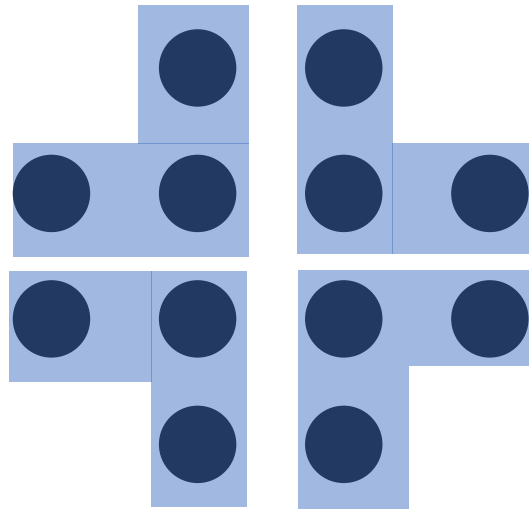
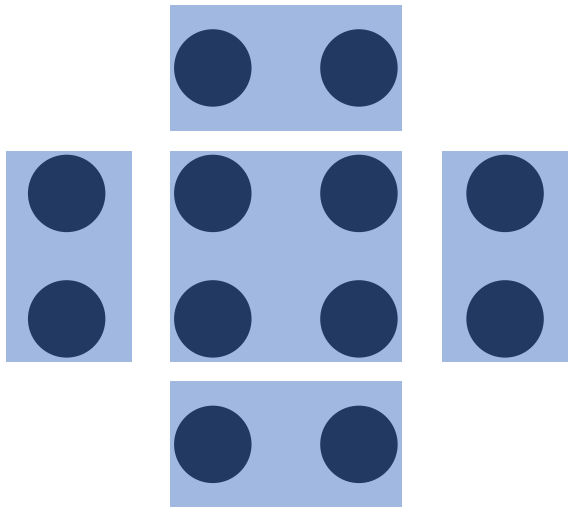


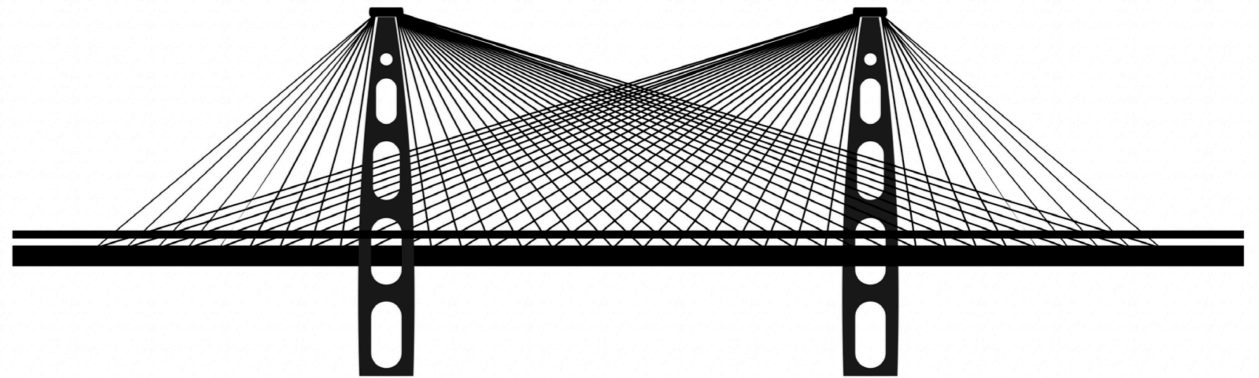
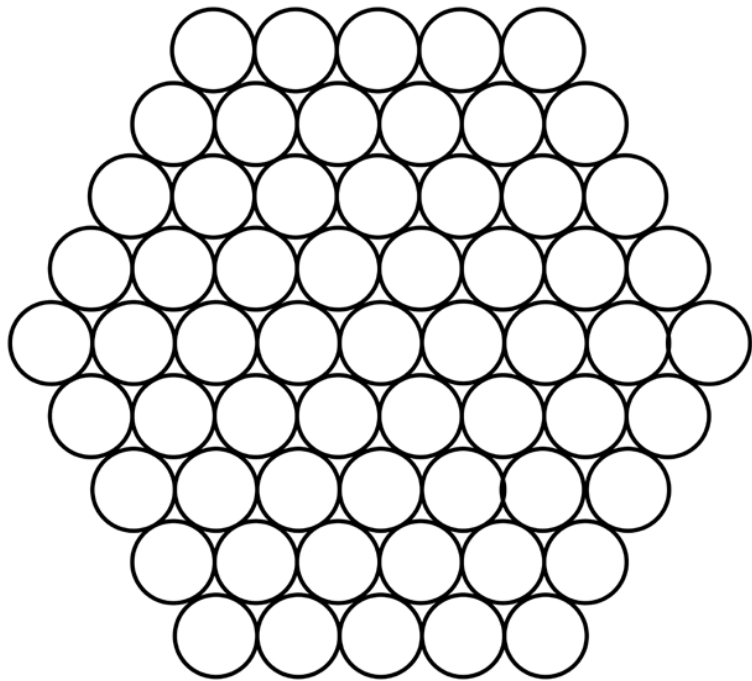




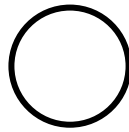


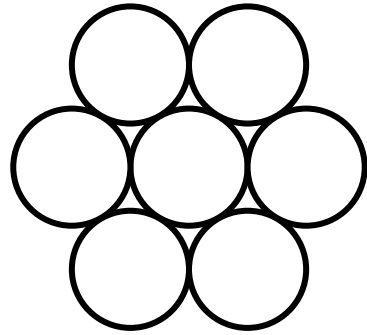


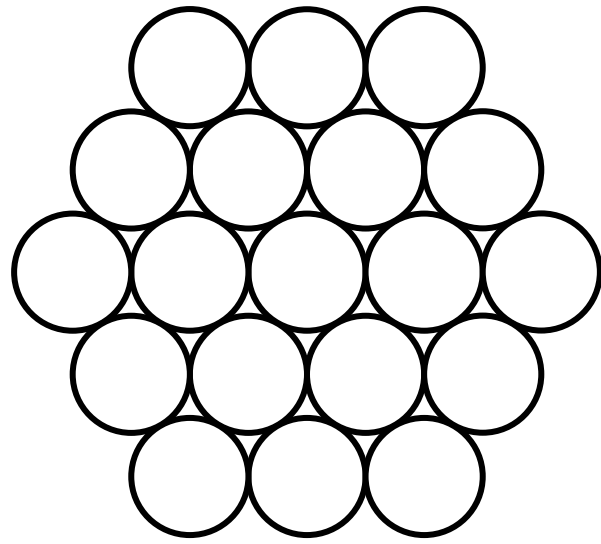


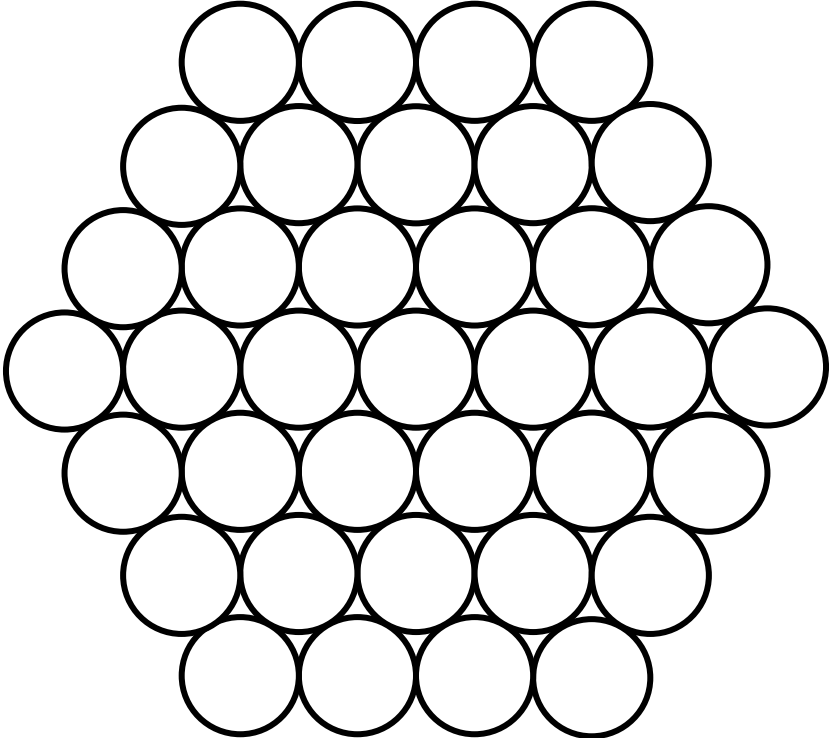


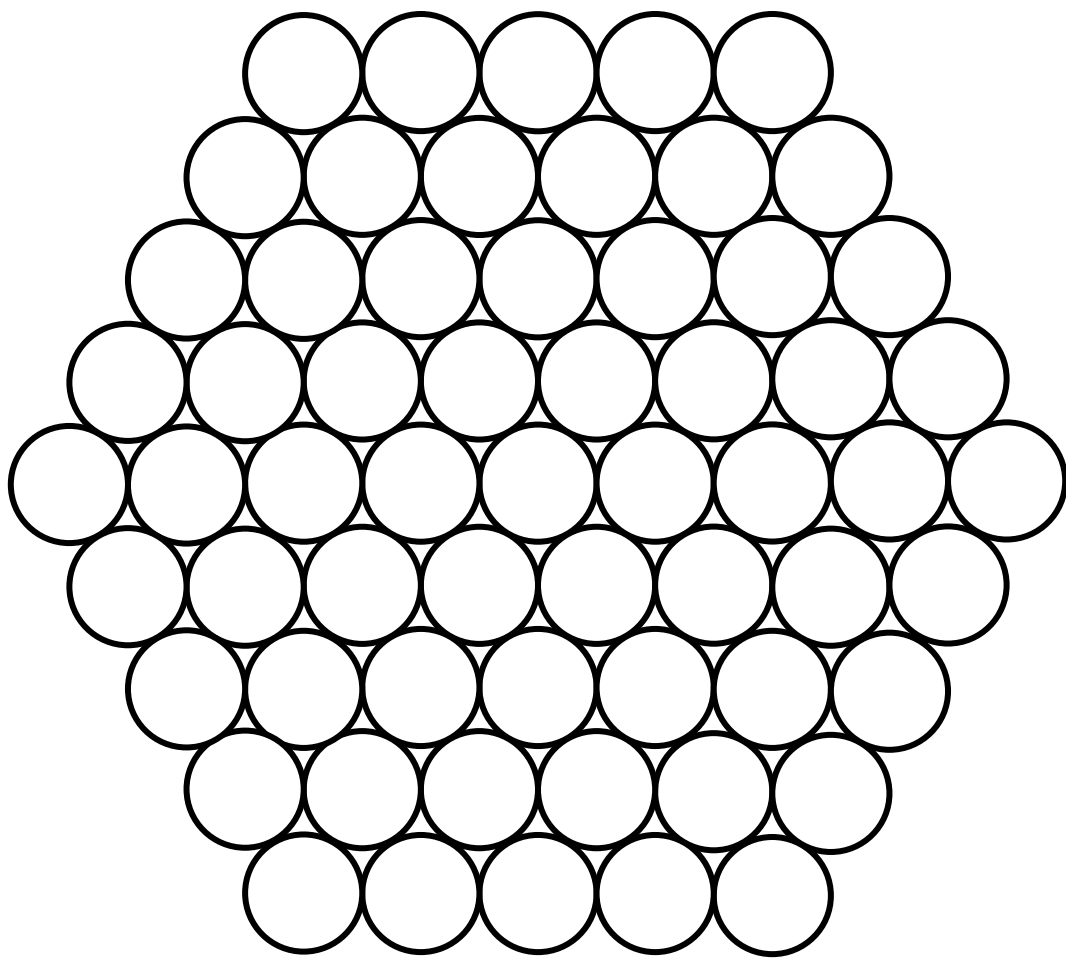


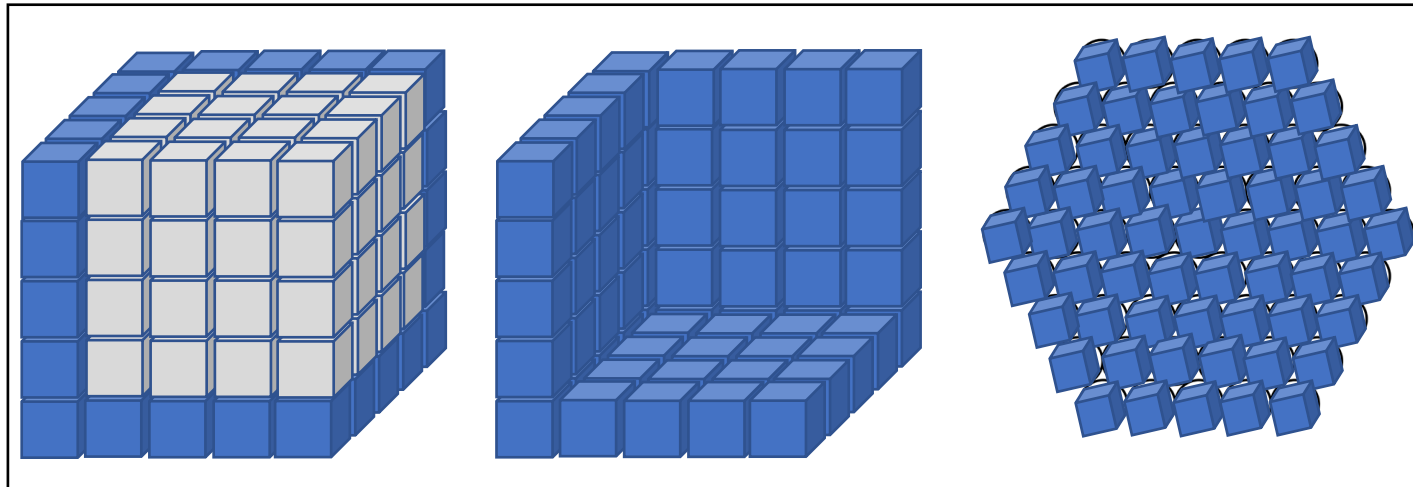
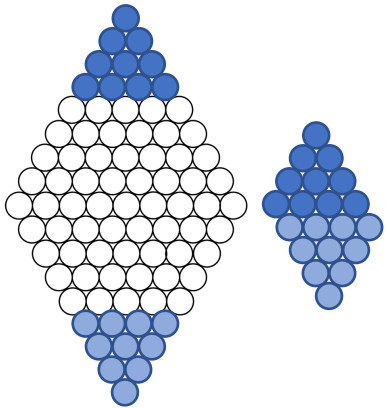
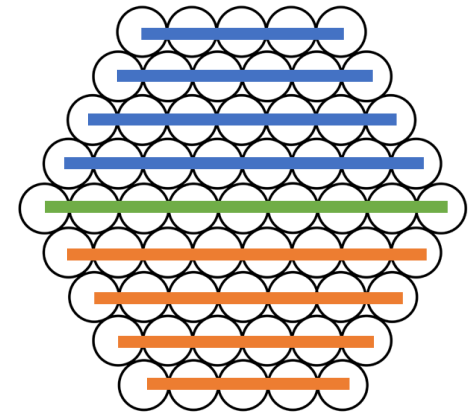
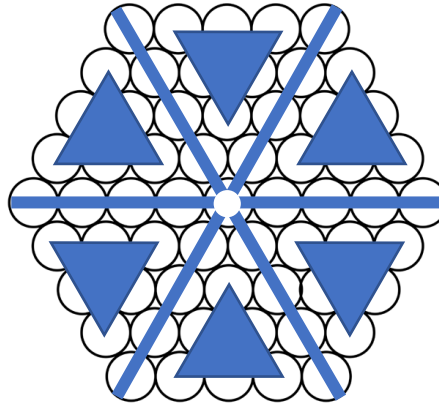
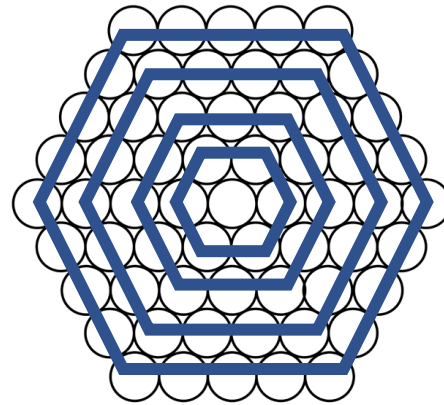
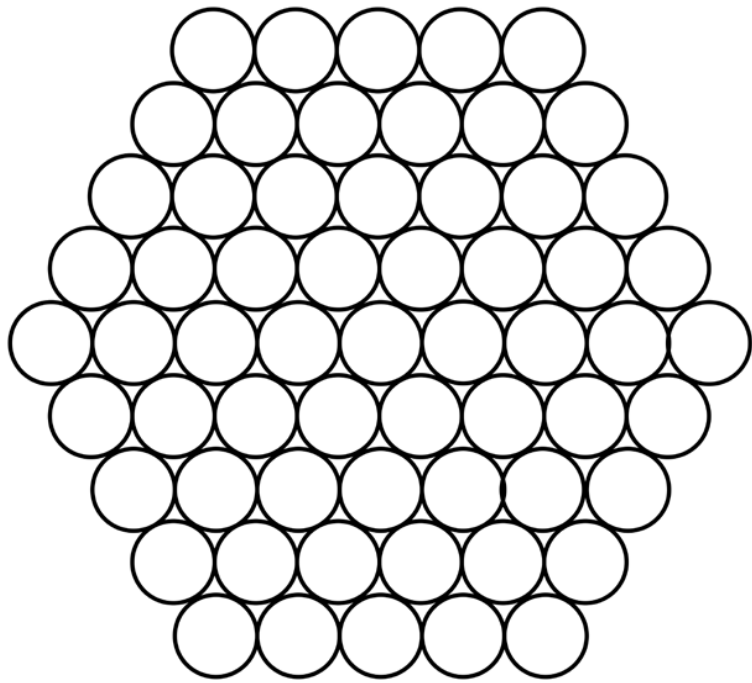


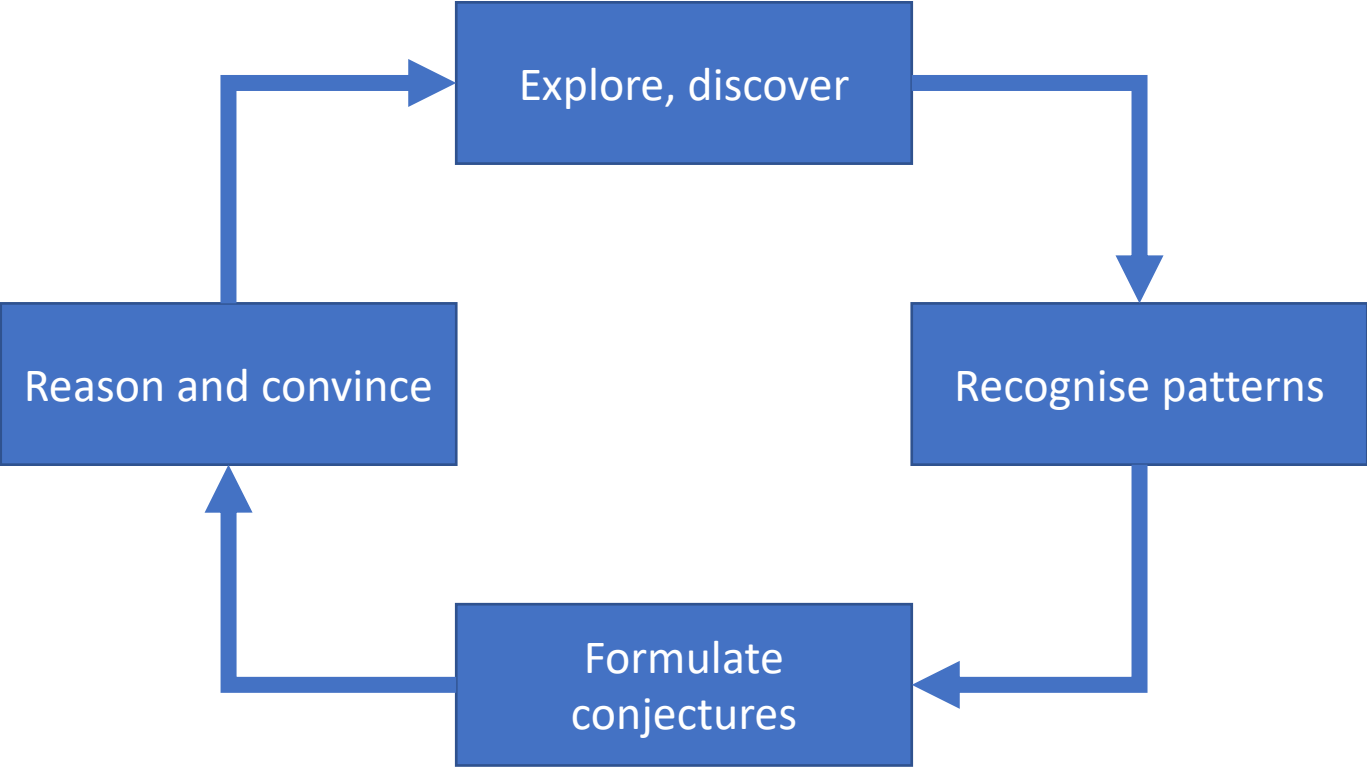


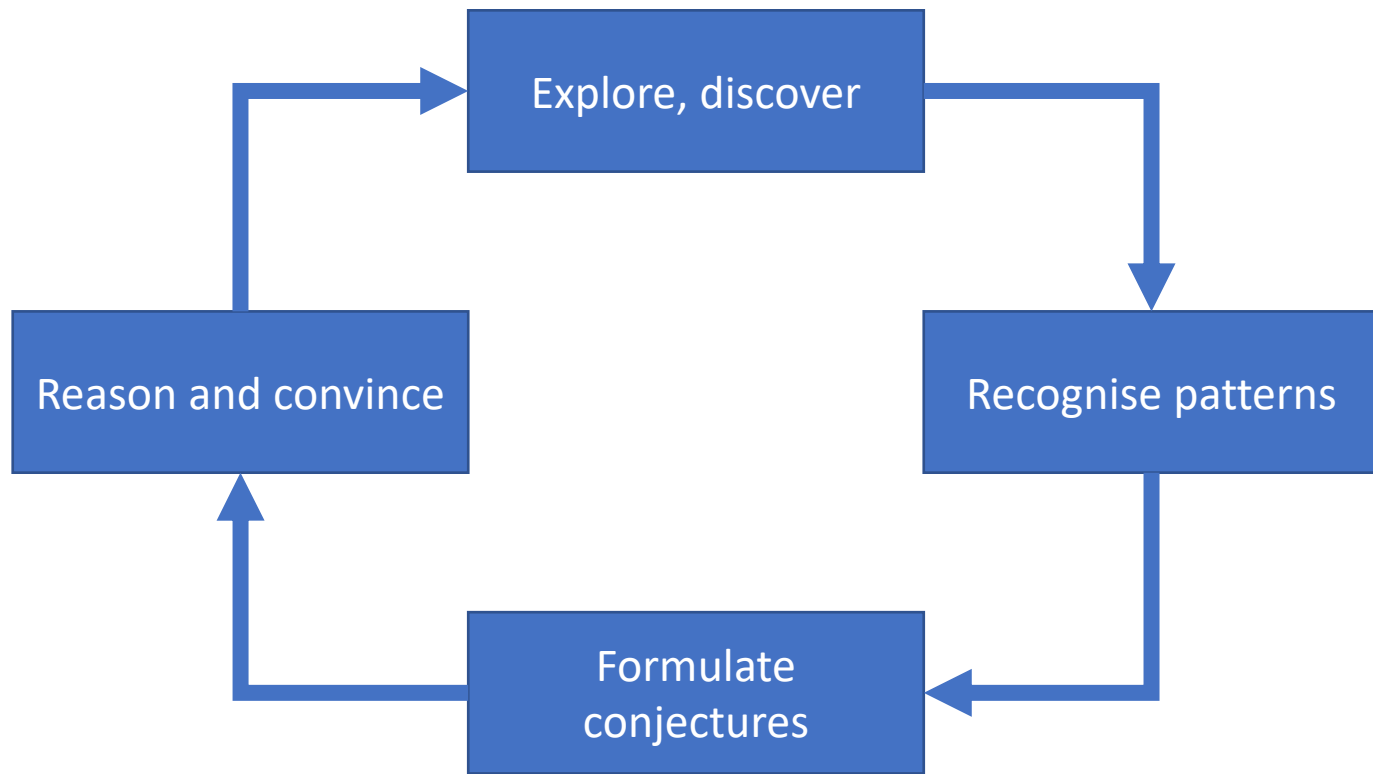




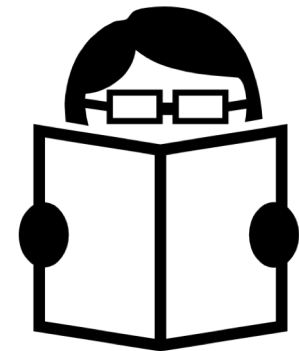
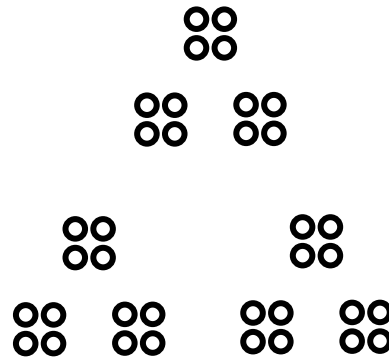
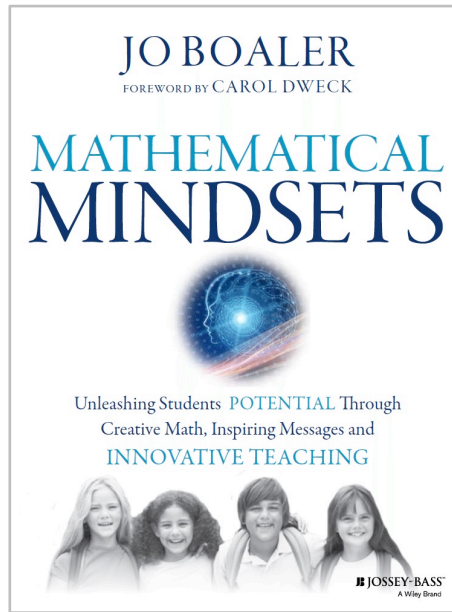














12 students

Self-study (blended)

Offline classes

Students see each other

±20 years old



12 students

Self-study (blended)

Online classes

Distant (lonely) learning

30-60 years old

**“Mathematics has always been a burden for me,  
something that had to be done and I never wanted  
to do.”**

“Mathematics has always been a burden for me, something that had to be done and I never wanted to do.”

“Ik ben tot volledig nieuwe inzichten over mezelf, wiskunde en de wereld gekomen. Inzichten die me in mijn verdere leven ontzettend veel van pas zullen komen. ... Deze cursus was echt een eye-opener voor mij en heeft alle verwachten ver overtroffen. **Ik had nooit gedacht dat ik op zo'n korte tijd zoveel zou bijleren en vooral om niet meer bang te zijn voor wiskunde. Een zeer grote overwinning!**”

Open Maths

*Thank you!*

# Open Maths

open students for mathematics  $\wedge$  open mathematics for students

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Open Universiteit