



Engineering

Dot array, grid and coordinate sheets



Content

This PowerPoint includes slides of:

- a dot array sheet – used to support learners’ understanding of square numbers
- a grid sheet – used to support learners’ understanding of area and perimeter
- a coordinate sheet – used to support learners’ understanding of the Pythagoras Theorem.

The associated teaching and learning sequences can be found in:

- [Engineering: Developing an understanding of square numbers](#)
- [Engineering: Area and perimeter](#)
- [Engineering: Developing an understanding of the Pythagoras Theorem](#)

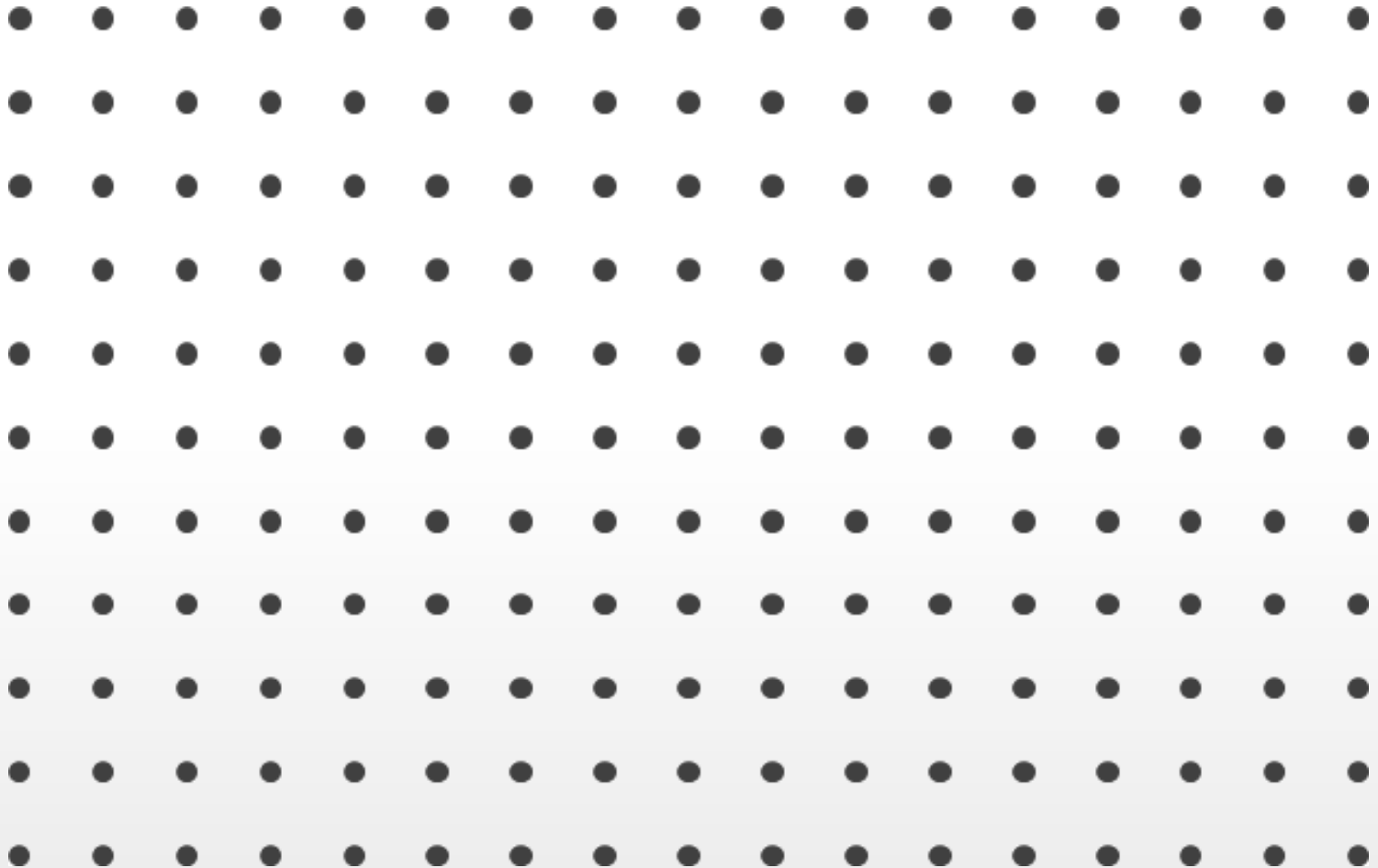


Purpose

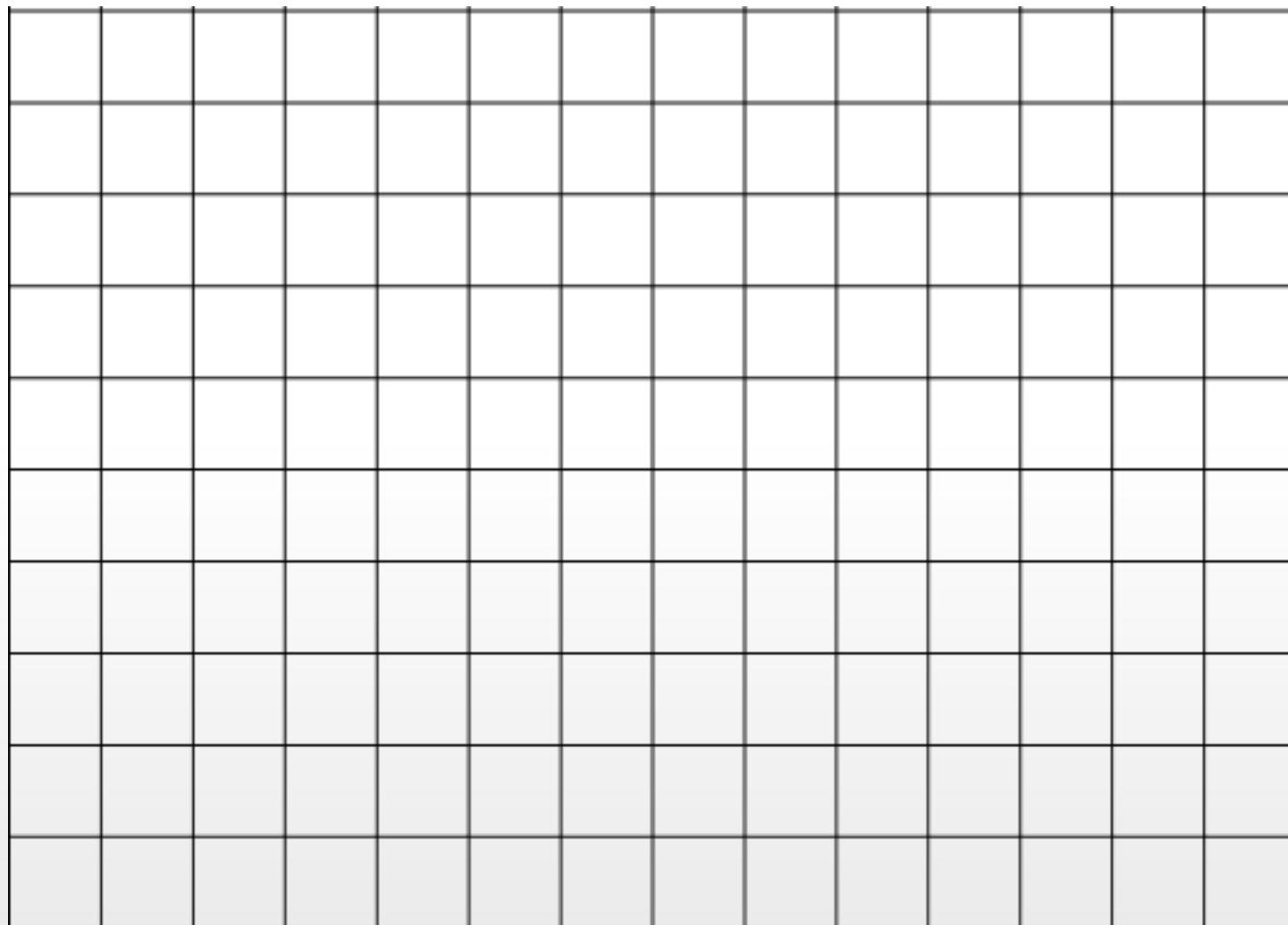
The following pages are provided as a useful way to project either a dot array, grid, or coordinate sheet onto a whiteboard. This allows the tutor or learners to demonstrate methods and strategies and to explore ideas and learners' suggestions. It also facilitates the whole-class discussions which are suggested in the teaching and learning sequences.



Dot array



Grid



Coordinate sheet

