Unifix Cubes

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Simple Patterns
Predictions

← ***Periodic Functions***

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Start Value
Variables
Rate of Increase

← ***Multi-Representational Functions***
Tables, Graphs, Story, Algebra

→ ***Concepts***
Independent/Dependent variables
Covariatioanal reasoning

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y = mx + c

← ***Integration***
Integrate under a line
Making the diagram
Line of best fit

→ ***Coordinate Geometry***
Linear function, making a good rough drawing of a line, solving line & circle problems

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Concept of Slope as a Rate of Change

← ***Calculus***
Constant, Increase, Decrease
Rates of change

→ ***Coordinate Geometry***
Slope formula
Trigonometry
Relation between slope & tan

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Point of Intersection

← ***Problem Solving***

→ ***Algebra***
Simultaneous equations
Coordinate Geometry
Find POI graphically

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Growing (Squares) Rectangles

← ***Sequences and Series***