

Finding all Possibilities

Activity	Resources	Preparation Needed
July 25th Teacher preparation	<ul style="list-style-type: none"> • Concept Video + Guide • Positive Maths Mindset Video • Digital Tools Demonstration Video 	Print video guide Print QR code for Read to Me website and put up as poster on classroom wall
August 1st Focus Lesson #1	<ul style="list-style-type: none"> • IWB or Screen • Ice Cream Maker • Lesson Guide #1 • Activity Sheet #1 	1) Test Ice Cream Maker is loading on IWB or Screen 2) Print Lesson Guide #1 3) Print Activity Sheet #1 for students
Task Cards Lesson	<ul style="list-style-type: none"> • Ice Cream Task Cards • Dominoes Task Cards • Response Cards • Sets of Dominoes or printed tiles 	1) Print Task Cards and Response Cards 2) Decide how to group students and distribute cards 3) <i>Print student observation guide if helpful</i>
August 8th Focus Lesson #2	<ul style="list-style-type: none"> • IWB or Screen • Robot Workshop • Lesson Guide #2 • Activity Sheet #2 	1) Test Robot Workshop is loading on IWB or Screen 2) Test Robot Workshop is loading on student devices (if you are having hands on time) 3) Print Lesson Guide #2 4) Print Activity Sheet #2 for students
Task Cards Lesson	<ul style="list-style-type: none"> • Robot Workshop Task Cards • Student iPads / Laptops • Tower Workshop Task Cards • Response Cards • Random Robot Game Cards • Coloured blocks or counters for Tower Tasks 	1) Print Task Cards and Response Cards 2) Decide how to group students and distribute cards 3) Print QR code for Robot Workshop 4) <i>Print student observation guide if helpful</i>
August 15th Class Challenge #1	<ul style="list-style-type: none"> • IWB or Screen • Triangle 5 Challenge • Activity Sheet 	1) Print Activity Sheet for Triangle 5 * This challenge will be sent to you August 12th

Exploring Patterns		
Activity	Resources	Preparation Needed
Teacher Preparation	<ul style="list-style-type: none"> • Exploring Patterns Concept Video + Guide • Positive Maths Mindset Video • Digital Tool Demonstration Video 	Print video guide
* This is the second lesson in the week of August 15th. The first lesson was Class Challenge #1 for Finding all Possibilities		
August 15th * Focus Lesson #3	<ul style="list-style-type: none"> • IWB or Screen • Shaker Pattern Maker • Lesson Guide #3 • Activity Sheet #3 	1) Test Shaker Pattern Maker is loading on IWB and student devices 2) Print Lesson Guide #3 3) Print Activity Sheet for students #3
August 22nd Task Cards Lesson	<ul style="list-style-type: none"> • Button Task Cards • Shape Task Cards • Growing Pattern Task Cards • Response Cards 	1) Print Task Cards and Response Cards 2) Decide how to group students and distribute cards 3) <i>Print student observation guide if helpful</i>
Class Challenge #2	<ul style="list-style-type: none"> • IWB or Screen • Pattern Master Challenge • Activity Sheet 	1) Print Activity Sheet for Pattern Master * This challenge will be sent to you August 22nd



Developing Logical Thinking		
Activity	Resources	Preparation Needed
Teacher Preparation	<ul style="list-style-type: none"> Logical Thinking Concept Video + Guide Positive Maths Mindset Video Digital Tool Demonstration Video 	Print video guide
August 29th Focus Lesson #4	<ul style="list-style-type: none"> IWB or Screen Line Up Logic Lesson Guide #3 Activity Sheet #3 	<ol style="list-style-type: none"> 1) Test Line Up Logic is loading on IWB and student devices 2) Print Lesson Guide #4 3) Print Activity Sheet for students #4
Task Cards Lesson	<ul style="list-style-type: none"> Crayon Task Cards City Street Task Cards Response Cards 	<ol style="list-style-type: none"> 1) Print Task Cards and Response Cards 2) Decide how to group students and distribute cards 3) <i>Print student observation guide if helpful</i>
September 5th Focus Lesson #5	<ul style="list-style-type: none"> IWB or Screen Unlock Logic Lesson Guide #5 Activity Sheet #5 	<ol style="list-style-type: none"> 1) Test Unlock Logic is loading on IWB and student devices 2) Print Lesson Guide #5 3) Print Activity Sheet for students #5
Task Cards Lesson	<ul style="list-style-type: none"> Outer Space Task Cards Party Task Cards Response Cards 	<ol style="list-style-type: none"> 1) Print Task Cards and Response Cards 2) Decide how to group students and distribute 3) <i>Print student observation guide if helpful</i>
Class Challenge #3	<ul style="list-style-type: none"> IWB or Screen Logic Master Challenge Activity Sheet 	<ol style="list-style-type: none"> 1) Print Activity Sheet for Logic Master <p>* This challenge will be sent to you September 7th</p>
September 12th Class Design Challenge	We will send you some creative prompts on September 9th. For lesson one this week, your students will break into small groups to design either a Finding all possibilities, pattern or logic math problem, using the prompts provided.	Lesson two is gathering together as a class to review the maths problems you have created, reviewing them and selecting six to send in to APSMO.

