

Welcome to Grade 9 Math

(locally developed by me)

Mr. Childs

MAT1L1

Guides for the Classroom

1. You will have a folder stored in the back of the room with a pencil inside. ALL work will be kept in this folder.

2. Water bottles are awesome

(let's leave all other beverages somewhere else)

3. Let's make sure we eat our lunch, DURING the lunch break.

4. We are all learning at different speeds, let's be respectful of our peers.

Intro Survey

Introductory Survey – Grade 9

Please tell me some things about yourself so that I can do a better job at teaching you Math!!

Given Name: _____

What name do you prefer to be addressed by? _____

Pronoun of choice? (He, she, they, other?) _____

What do you do outside of school (i.e. sports, hobbies, jobs, video games, etc.)

Please rate your current enjoyment level of mathematics on the following scale:

0 - no enjoyment

0	1	2	3	4	5	6	7	8	9	10
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10 - favourite subject

I gave the above rating because... (please be honest)

I learn best when.... (on my own, in groups, hands on, textbook, anything you can think of that helps your learning experience)

Areas that are *strengths* for me are...

(Writing, drawing, speaking, mental math, list anything you do well or like)

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Areas that I *struggle* with are...

(Writing, drawing, speaking, mental math, list anything you don't feel you do well or do not like)

Is there anything else I should know about you that would make your learning experience better?

Meeting New People

1. Introduce yourself

*"Hello, my name is **Mr. Childs**. What is your name?"*

2. Acknowledge you heard their name by saying it back to them.

*"Nice to meet you **Mr. Childs**, my name is **Sam**."*

3. A handshake, fist bump, nod, bow, smile, are all good physical acknowledgement that you heard the person.

Introduce yourself to two neighbours please.

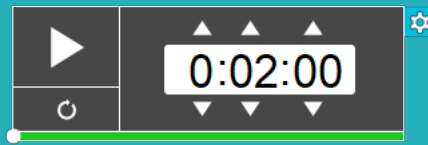
Number Trouble Group Challenge

1. Random Group
2. Introduce yourselves
3. Find a space to work, where everyone can see the piece of paper I am going to hand out.
4. You will have ONE high lighter to share amongst the group.

Trial Number One

Number Trouble

- I'm going to set the timer for two minutes.
- When I say 'go' you will try to circle/highlight all the numbers from 1-100 in order. (1,2,3...100)
- You are trying to get as many numbers circled/highlighted as you can



"IN ORDER" = 1,2,3,4...

(No cheating please)

Share how what number you were able to get to.

Hand in sheet to me. Get ready for Trial Number Two.

Trial Number Two

- **Some of you might have noticed a pattern.**
- **Keep it a secret! You are now going to compete with your group against the rest of the class.**
- **Talk with your team and come up with a plan to get all the numbers circled or highlighted.**

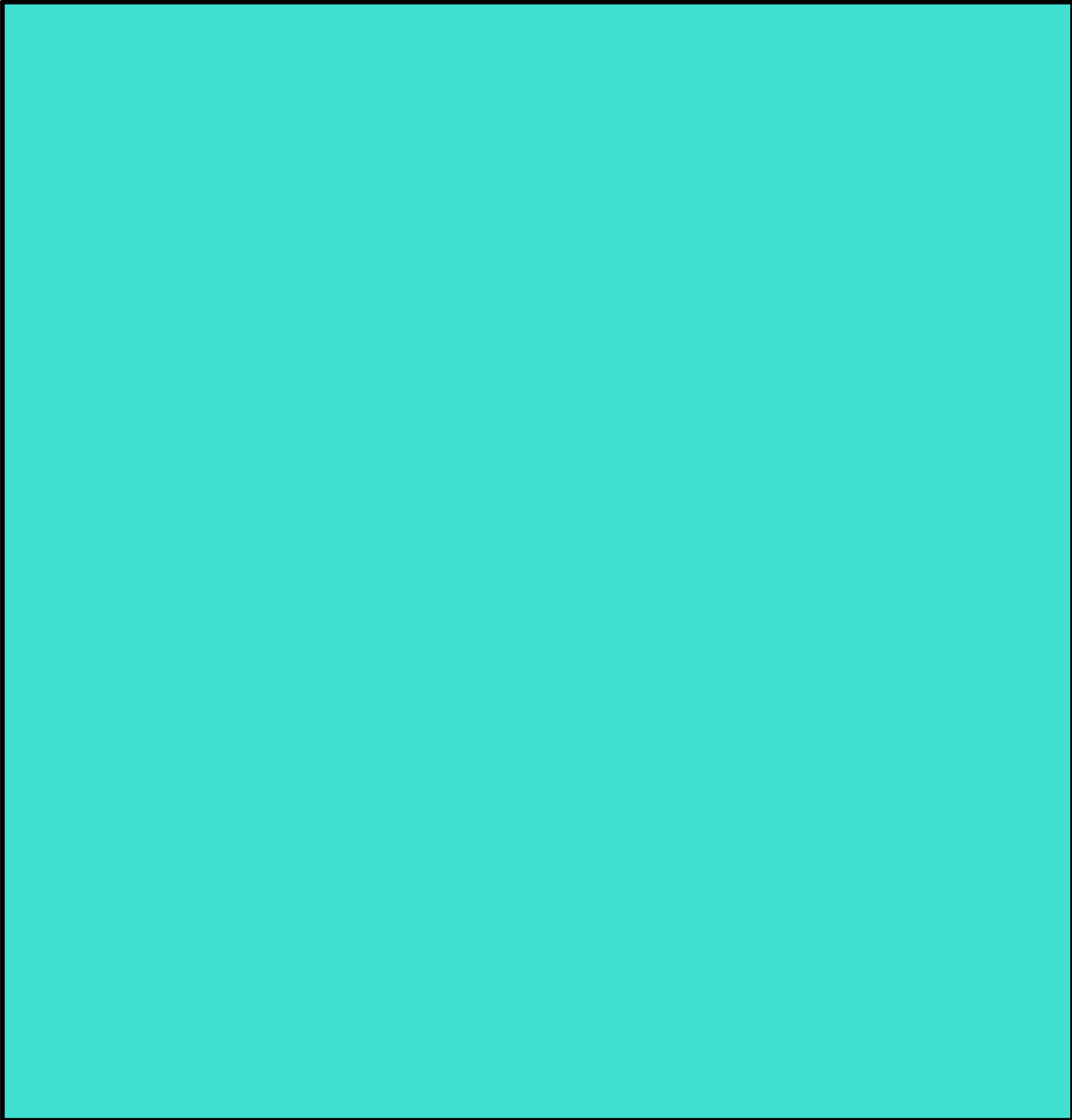


Share how what number you were able to get to.

Hand in sheet to me.

- **Share what worked or did not work with your group completing this task.**

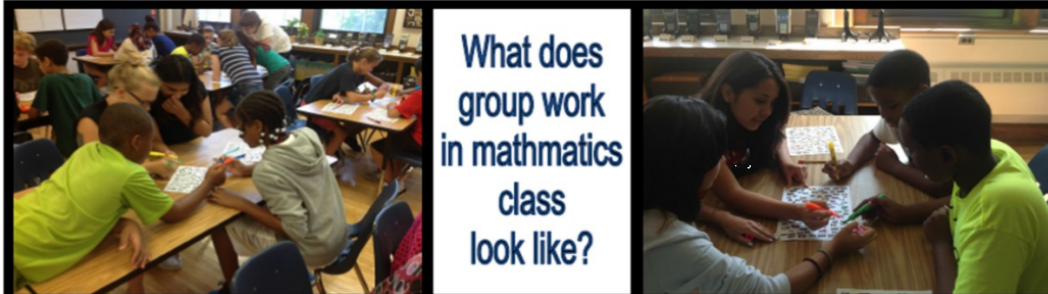
- **Was there a pattern you noticed?**



What things make working in a group easier and more enjoyable?

What things make working in a group harder and more difficult?

Example of what my classes created of what quality group work looks like.



- All group members are FOCUSED. Members are only talking to members of their group.
- Group members are close (heads are together).
- Every group member participates. All group members are included.
- Everyone uses an appropriate voice (2 foot voice).
- Everyone is working on the assigned task.
- The group makes a plan before beginning the task.
- Group members support each other (help each other).
- Group members are all communicating (ask questions and sharing ideas).