

Station Rotations in Secondary Math Classrooms

#CMCMath

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<https://bit.ly/2kUHRo1>

Why Station

Rotations?

(Student Testimonials)

I like getting to do different activities.

I like that I can ask the people around me for help.

What I like about station rotations is we work together to solve questions and help each other out and hang out.

What I like about station rotations is we can work together and have fun. Also, I like that station rotations makes class time go faster and I don't have to sit down the whole period.

That we get to work on different things of the same topic.

Talking to people when I'm bored.

It doesn't let me fall asleep in class.

Help with Ms.Choi.

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Why Station Rotations?



- Collaboration among students
- Build relationships
- Smaller learning community
- Small-group Instruction
- Differentiation

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What is Blended Learning?

Blended learning is a formal education program in which a student learns:

Part Online

In part online, with some element of control over the time, place, path, or pace of their learning.



Part Away From Home

In part in a brick-and-mortar location away from home.



Along a Learning Path

The modalities along a student's learning path are connected to provide an integrated learning experience.



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The Seven Models of Blended Learning



Station Rotation



Lab Rotation



Individual Rotation



Flipped Classroom



Flex



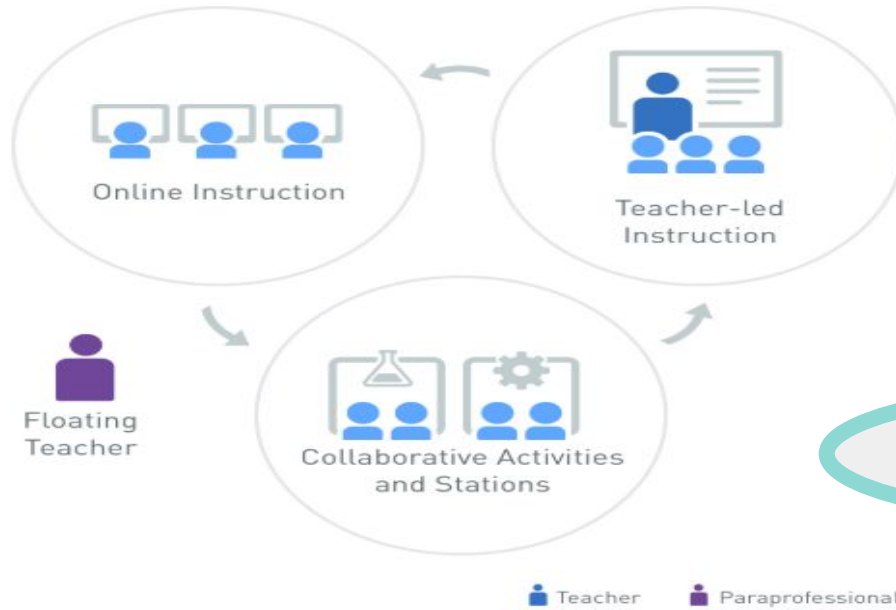
A la Carte



Enriched Virtual

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Station Rotation Model

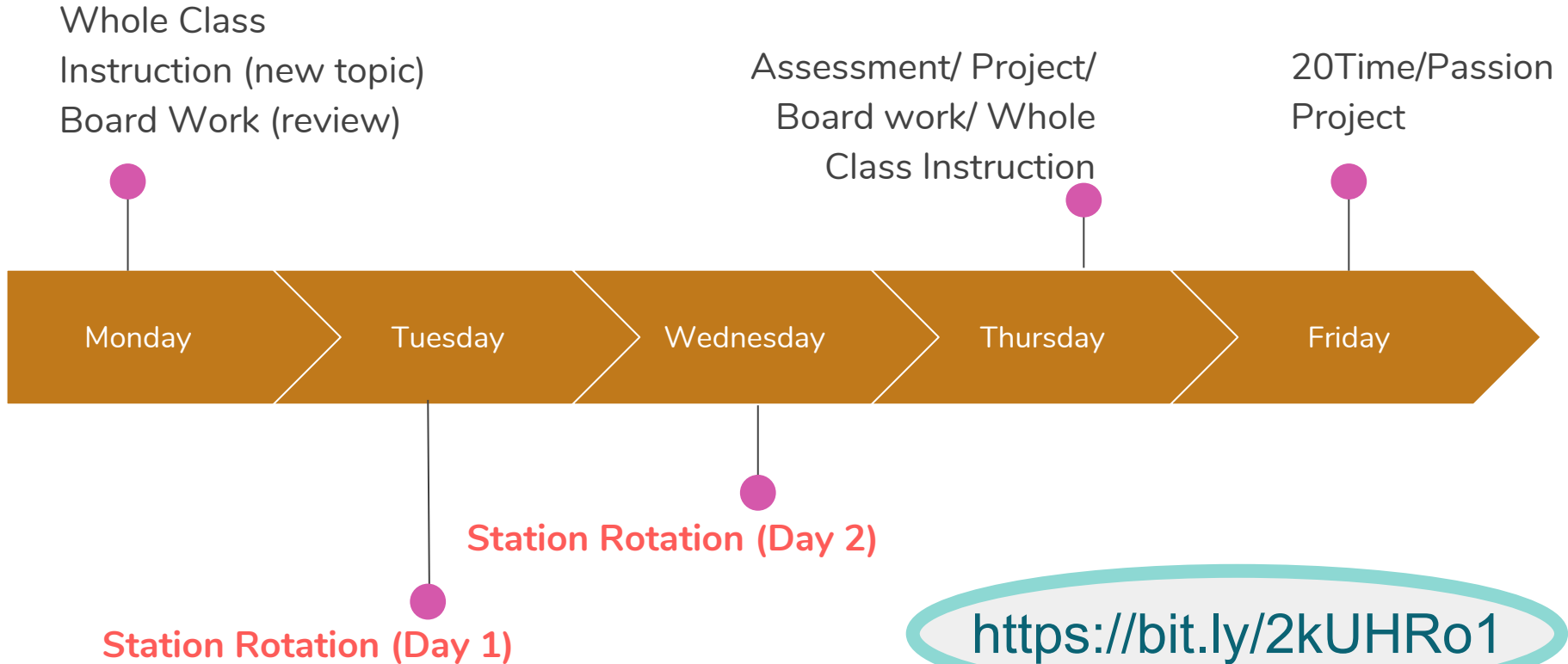


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Implementation

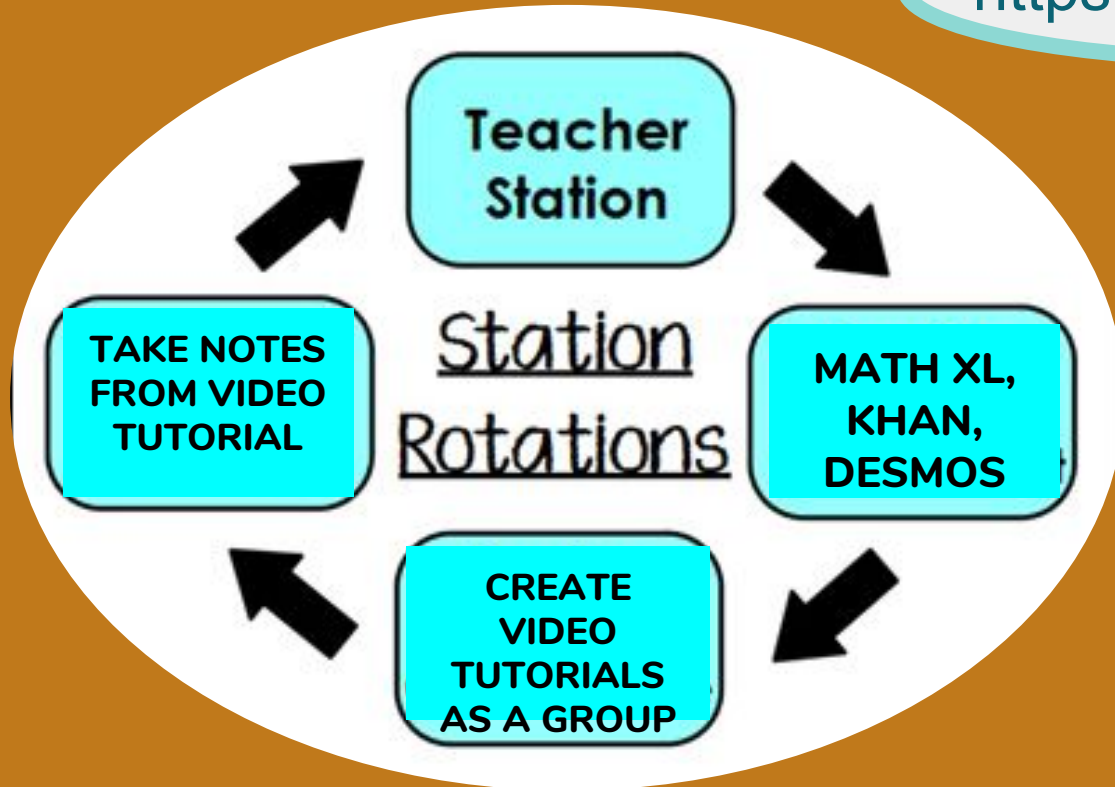
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Typical Week



Four Stations

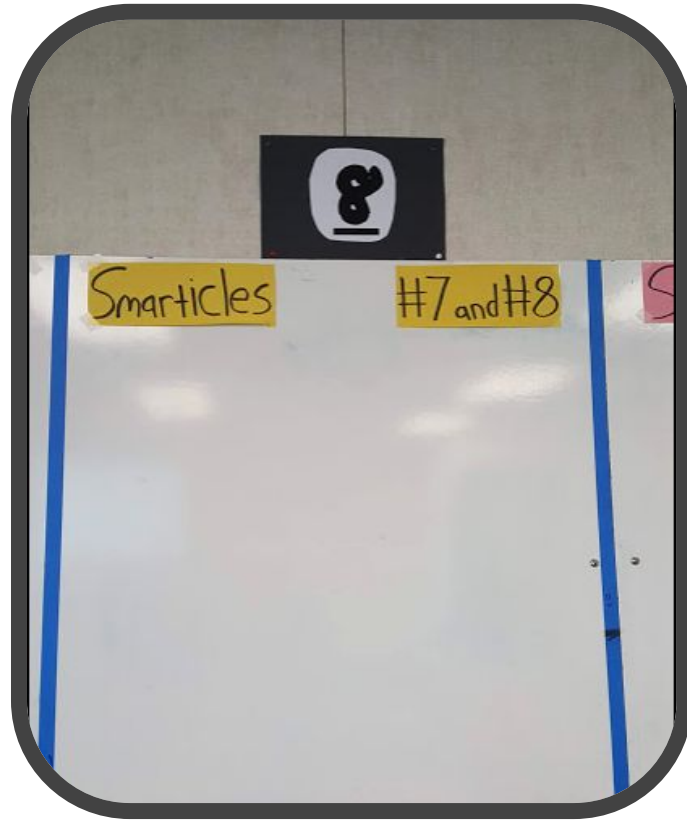
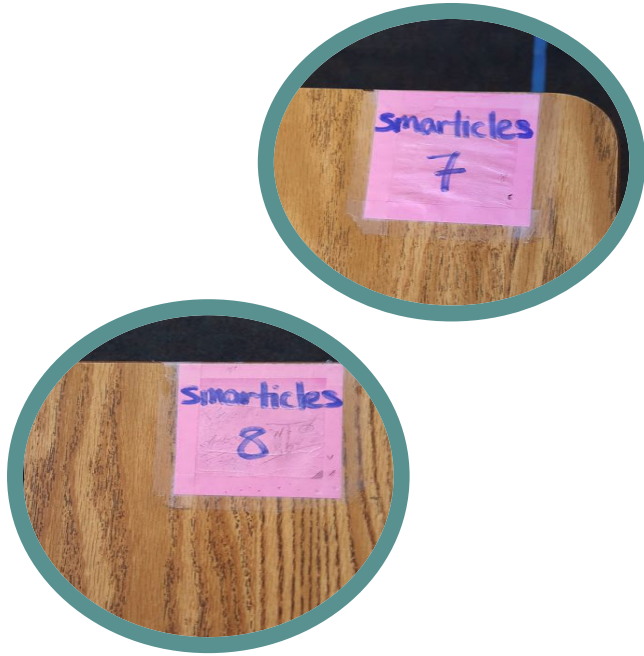
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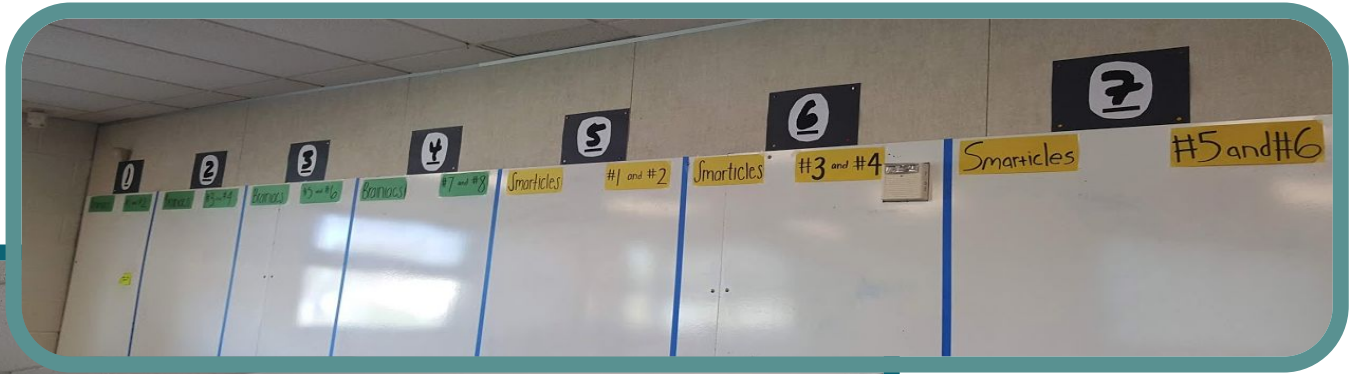
Classroom Setup



Eight desks in each group with boards around the wall labeled for each seat



Each desk has a group name and a number so students know exactly which board to work on when they need to.



Team names: Scholars, Brainiacs, Smarticles and Geniuses.



Groups

- Week 1-2: pass out index cards with the names of each group (This forces students to sit next to a new person).
- Week 3-7: have students sit anywhere they want (figure out cliques).
- After 6-week progress report: time for [a survey](#).

Station Rotation Sample Week

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Sample Week

Whole Class
Instruction (new topic)
Board Work (review)

Assessment/ Project/
Board work/ Whole
Class Instruction

20Time/Passion
Project

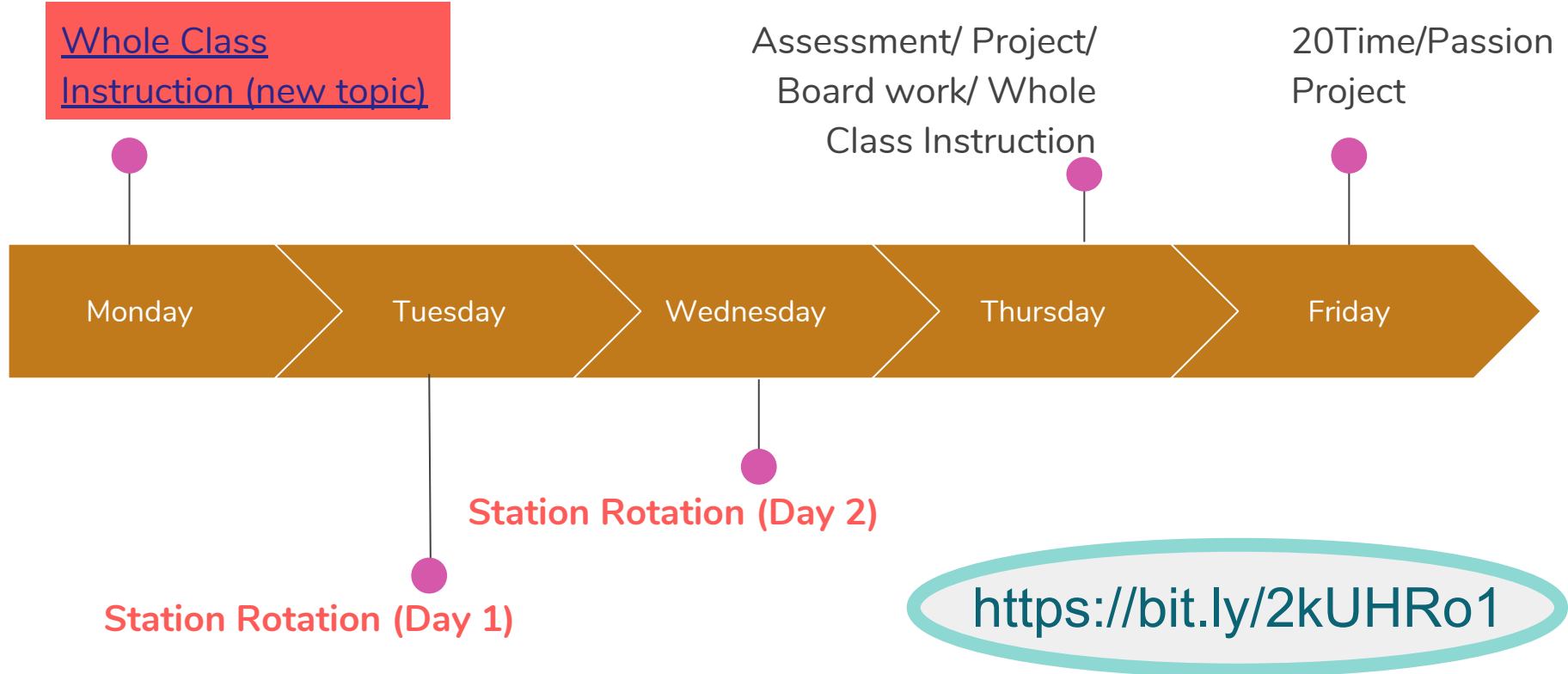


Station Rotation (Day 1)

Station Rotation (Day 2)

<https://bit.ly/2kUHRo1>

Sample Week



Solving Inequalities (10/02-10/03)



Smarticles

Solving Word problems on page 28 of your notebook with Ms. Choi.

- 1) A certain species of fish costs \$4.99 each. You can spend no more than \$20. How many of this type of fish can you buy for your aquarium?
- 2) Your goal is to take at least 13,700 steps per day. According to your pedometer, you have walked 6880 steps. Write and solve an inequality to find the possible numbers of steps you can take to reach your goal.



Brainiacs

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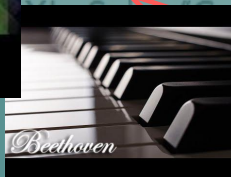
Station Rotation Day 1

alities (10/02-10/03)

- ❖ 20 minutes for each station
- ❖ 2 stations
- ❖ Rotate Clockwise

For 8 minutes in each station...

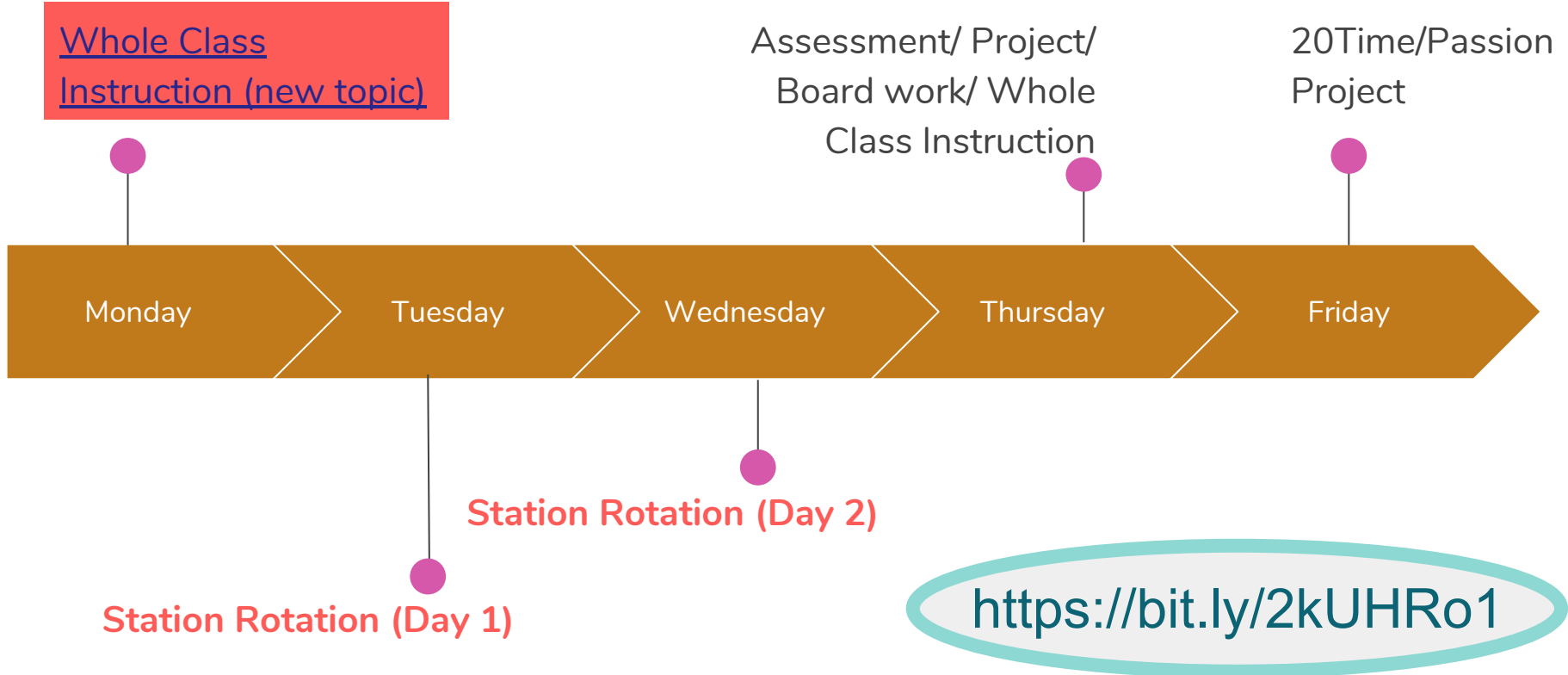
- ❖ Look at what students will be working on
- ❖ Write down:
 - The focus of the activity (teacher-led, collaborative, independent, tech-assisted)
 - Questions
 - Comments
 - Different Activity Ideas



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Sample Week



- ❖ **Students have to remember which activity they last worked on**
- ❖ **Finish off assignments at home (own pace)**

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Station Rotation Day 2

- ❖ 20 minutes for each station
- ❖ 2 stations
- ❖ Rotate Clockwise

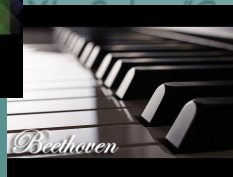


Qualities (10/02-10/03)

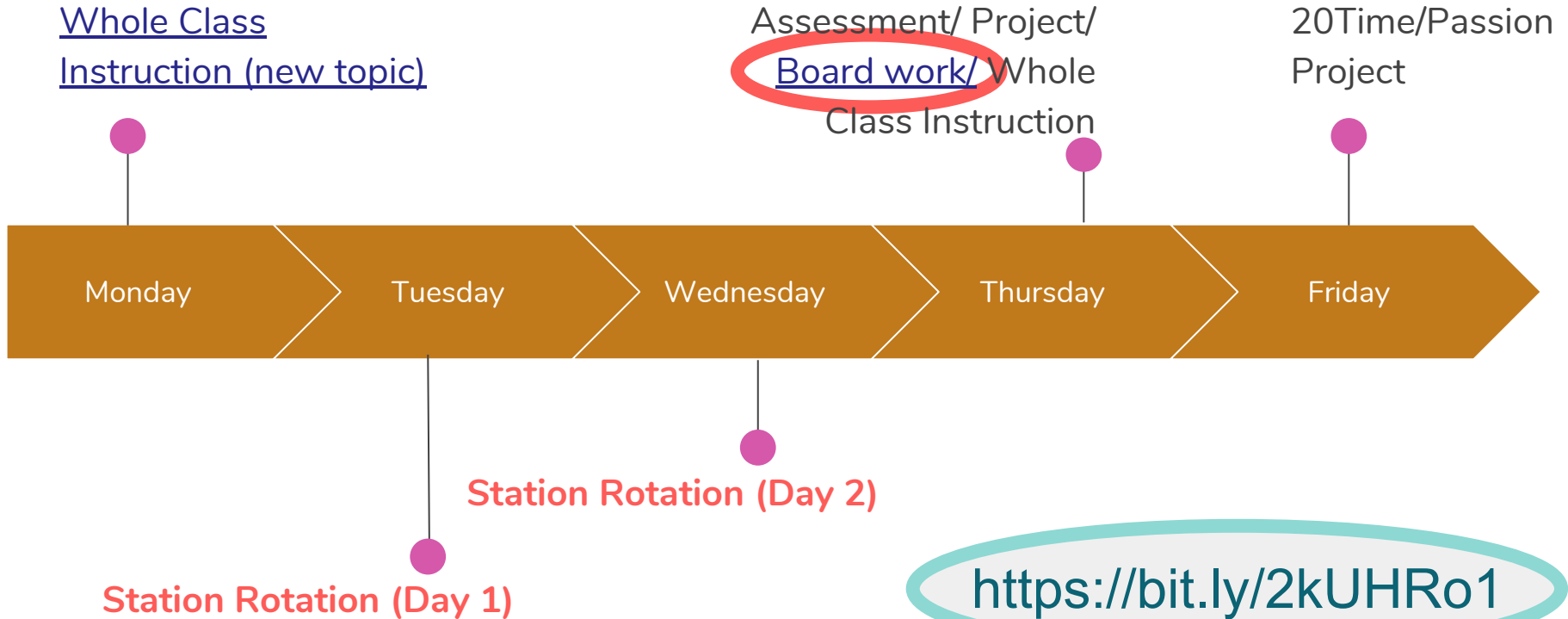
For 8 minutes in each station...

- ❖ Look at what students will be working on
- ❖ Write down:
 - The focus of the activity (teacher-led, collaborative, independent, tech-assisted)
 - Questions
 - Comments
 - Different Activity Ideas

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Sample Week



Gallery Walk (2 minutes)



2:00



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Question and Answer

Solving Inequalities (10/02-10/03)



Smarticles

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Brainiacs

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Make your own Activity

[Use this link](#) to make a copy of my sample from October 2-3, 2018.

**I thank you deeply from the
bottom of my heart for being a
teacher and making a difference
in our children's lives.**

Please complete [this survey](#) so we can
collectively work together to make our future
better.