Building a Thinking Classroom



Thinking Task

The Answers

Are: Using each of the numbers 1 to 10 EXACTLY once and each of the operations +, - , x, ÷ at least once (one will be used twice), make five expressions whose answers are 17, 2, 21, 3, 2.

Flippit



Whiteboard

Moves

Building Thinking Skills in our classroom

What other skills are we building?



Random groups

Stand with your group at your whiteboard.

One marker per group

The person explaining their thinking should be different from the person writing. Take turns.



Record the task

Listen carefully to the task. Record key information at the top of your whiteboard.

Work with your group

Collaborate. Persevere. Be responsible for the learning of every member. Look at other groups' work when needed. Take risks.

Erase with care

Ask permission to erase someone else's ideas. Don't erase work that is circled by the teacher.





Where to start?

: within the



Where to start?

Anchor: 5 minutes (announcements, info for task)

<u>Thinking Task:</u> A problem or set of problems that builds on prior knowledge to introduce a new topic

- Start with low-level questions & build to questions higher than their ability
- Not all groups need to get to all questions
- Work in random groups on vertical boards

<u>Consolidation:</u> Use student work to highlight important ideas

<u>Student Notes:</u> Can use student work & teacher summary

<u>Check Your Understanding:</u> Worksheet, Kahoot, Quizizz, Group assignment, etc...

What <mark>does a</mark> lesson Lke?

How can you use BTC in your classroom?

Questions?