Interactive Math Journals for the Secondary Classroom

bit.ly/CICINB
Hello!

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Presentation: bit.ly/CICINB
Let's Make a Folder!

Sample Notebook
Two Flap Fold

Directions:
1. Use a whole or ½ sheet of paper.
2. Fold down approximately 1 inch on side of paper.
3. Make a slit in the paper from the opposite up to the fold.
4. Put glue on the folded portion and place in notebook.

Ideas for Use:
- Compare and contrast
- Domain and range
- Adding integers with same and different sign
- Parallel and perpendicular
- Advantages and disadvantages of different payment methods

Presentation: bit.ly/CICINB
Four Flap Fold

Ideas for Use:
- Add, subtract, multiply, divide
- Quadrants
- Multiple representations
  (template)

Directions:
1. Use a whole or ½ sheet of paper.
2. Make a hot dog fold.
3. Fold again into a hamburger fold.
4. Open paper and hold in landscape position.
5. Fold the left end into the middle folded line.
6. Fold the right end into the middle folded line.
7. Cut the remaining visible fold to create four flaps.
8. Glue the back into the notebook.
Vocabulary - Frayer Model

Ideas for Quadrants:
- Definition
- Characteristics
- Facts
- Examples
- Non-examples

Directions:
1. Use a whole or ½ sheet of paper.
2. Make a hamburger fold and then a hot dog fold.
3. From the folded paper, take the closed corner and fold down.
4. Open the fold
5. Draw around the rhombus (which was created by folding down)
6. Draw on the folded lines.
7. Glue the frayer model into the notebook folded to conserve space.
4 Section Fold

Ideas for sections:
- Vocabulary: word, definition, looks like, real world connections, examples.
  Non-examples
- Equal parts: fractions, decimals, and percents
- Volume of rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids

Directions:
1. Use a whole or ½ sheets of paper.
2. Place the sheets of paper one on top of the other with the bottom sheet slightly lower than the top sheet.
3. Fold the two sheets of paper down to create layers.
4. Staple on the top to keep the sheets together.
5. Glue the backside into the notebook.
Graphing/Whiteboard

Materials Needed:
- Graph paper
- Transparency
- Tape
- Whiteboard markers
- Erasers
Directions:

Teacher Directions
1. Place problems into a document (template)
2. Print out problems
3. Cut into ½ sheets

Student Directions
1. Cut on the dotted line
2. Put a small amount of glue in the ‘glue here’ section and place upside down in notebook.
3. Flip up each flap to read the problem.
4. Do the work on the notebook paper.
5. Optional: write the strategy used on the back of each flap.
Have students tape the STAAR Reference chart (or a chart with formulas they always need) into the back of their notebook. They can flip up the chart and use it from any page in the notebook.

Template
Additional Ideas/Resources

Presentation: bit.ly/CICINB
Real Numbers Card Sort

Directions and templates
Notes & Vocabulary Sort

Vocabulary Definition Template

Domain & Range
- Discrete
- Continuous

[Images of handwritten notes and diagrams related to domain, range, and vocabulary definitions]
Venn Diagram

Directions and templates
Directions and templates

Have students keep track of all the words they need to know for a particular unit.
Properties Foldable

Directions and templates

Commutative Property (+)

Commutative Property (x)

Associative Property (+)

Example

Example

Identity Property

Additive Inverse

Multiplicative Inverse

Presentation: bit.ly/CICINB
Solving Equations Flowchart

Directions and templates
Directions and templates

Parts of the Coordinate Grid
Graphing Ordered Pairs

Directions and templates

Presentation: bit.ly/CICINB
Google Drive with Additional Resources