How Foldables© (Kinesthetic Graphic Organizers) Scaffold Concepts and Increase Rigor

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Objectives

- Understand essential routines and components for using foldables
- Learn four different designs of foldables to interact with and organize information
- Identify features of foldables that afford opportunity to increase rigor
Agenda

1. Beginning with the WHY
2. Essential routines and components
3. Foldables
   3.1. 1-Tab
   3.2. 3-Tab Horizontal
   3.3. 5-Tab Vertical
   3.4. VKVs (Visual Kinesthetic Vocabulary)
4. Building Rigor
5. Questions and Answers
Why? Foldables allow K-12 emergent bilinguals to engage with tactile, just-in-time scaffolding that they create to build learning connections.

Invented by Dinah Zike, now creating and training teacher from all over at her Dinah Zike Academy in Comfort, TX.
Which exhibit engages K-12 learners more? How?
Which exhibit engages K-12 learners more? How?

- Draws learner to hidden info
- Engages hands and mind
Which of these best engages K-12 learners?

A

B
Why it is still B for K-12 learners...

- Makes information concrete for minds still striving with abstraction
- Enhances 2 memory features:
  - Connects words with visuals
  - Prompts to recall information
Essential Routines

1. Fold, glue, THEN cut
2. Just a dot, not a lot
3. Teaching them whole to part vs part to whole

Components

Glue bottles vs glue sticks
Cuts of paper
Cutting binder paper to fit in notebooks
Anticipating obstacles, objections

Kids mess up with scissors, glue, or paper
- First time, half of Ss get it. They teach the other half.

All this creating is taking too much time
- Constructivist approach = slow cooker v. microwave
1-Tab

K-6
- Main idea
- Summary
- Quote
- Problem to be solved

7-12
- Synopsis
- Square root
- Global concept
- Manifest destiny
- Describe a picture
1-Tab Examples

Any paper can be a foldable!
More Examples

Notes on Seoul:

- My hometown Organiser thing
- Lotte world Tower
- 63 Square
- N Seoul Tower
- In the street, Myeong-dong street

Strategy Toolkit:

When you use an author’s words to explain something, you can say “the author states” or “according to the author”
3-Tab Horizontal

K-6
- First, Next, Then
- Parts of an equation
- KWL organizer
- Phonemes (B, M, E)
- New England, Middle, Southern Colonies
- Venn Diagram

7-12
- Text analysis (Says, Means, Matters)
- Branches of government
- Venn Diagram
- Newton’s laws of motion
3-Tab Examples

Think in threes!
3-Tab Horizontal: How to Fold in Thirds

Fold left side over, so that what’s folded equals what’s left unfolded

Fold the right side over the left
More Examples

Central idea and supporting details

Eyewitness testimony is important in criminal investigations and trials.

Dr. Elizabeth Loftus tells jury members about human memory.

Brain science ability can improve your brain's performance.

Tough challenges, like that Michael Jordan faced, can improve your game.

Title: Working for Success

Every time you try a new strategy to solve a problem, your brain builds new connections and you grow stronger.

She writing and writing and got better.
5-Tab Vertical: How to Fold in Fifths

Fold the left over to the right, so that what is folded is twice as long as what is unfolded.

Fold the folded part in half...

Fold the right part over the left.
5-Tab Vertical

K-6
- Senses
- Vocabulary
- Continents
- WH Questions

7-12
- Phylum Chordata (bird, mammal, fish, amphibian, reptile)
- Sequence of events
- Essay organizer
5-Tab Vertical Examples

Hierarchies, relationships
Visual Kinesthetic Vocabulary (VKVs)

K-6
● Plural spelling changes
● Suffixes
● Rhyming words

7-12
● Collocations
● Phrasal verbs
● Irregular verb changes
VKV Examples

swim
swam
swum
swung
bring

100th
child
ren
Building in rigor

- More surface area = space to return to with new knowledge
- Commentary above/beside the work done
- Differentiating for student choice or product
- Write a little a lot and write a lot a little
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Questions?

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