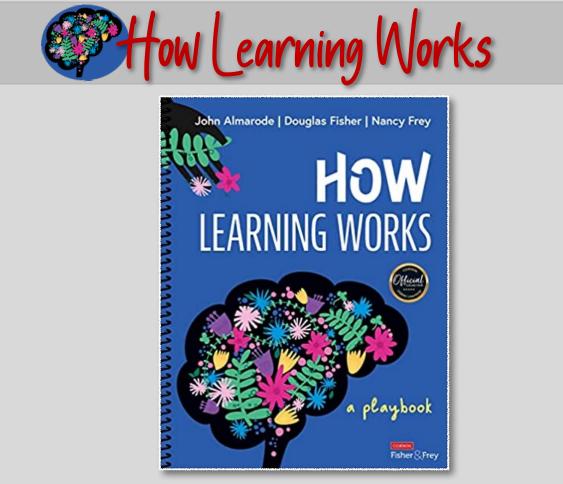


# South Lewis Central School

March Faculty Meeting March, 2024

One District • One Building • One Family



"The purpose of this playbook is to take a closer look at how our students learn so that we can better design learning experiences that align with how learning works" (Almarode, Fisher & Frey, 2022, pg 3).



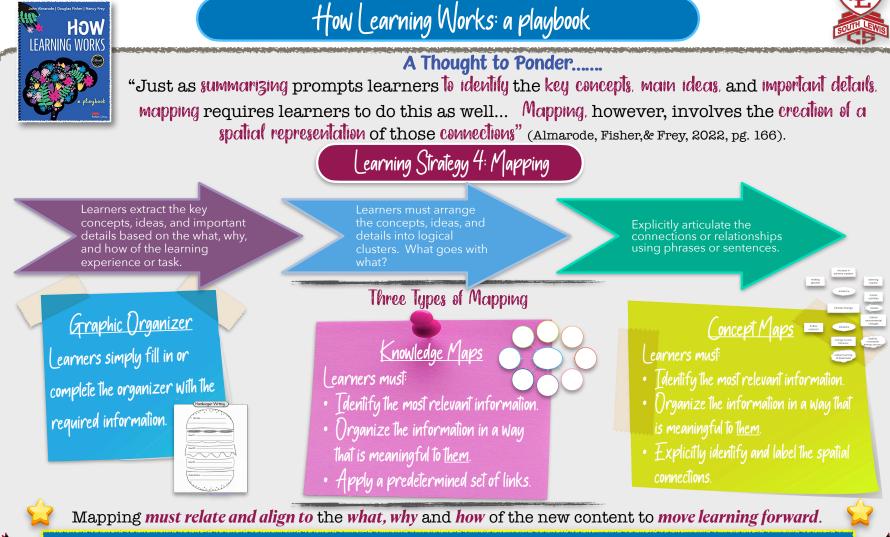


Fisher, D., Frey, N., Smith, D. & Hattie, J. (2021). Grades K-12 rebound: A playbook for rebuilding agency, accelerating learning recovery, and rethinking schools. Thousand Oaks, CA: Corwin Press.

### South Lewis "Tip of the Month" - February, 2024







"Nodes are words - concepts, ideas, or details. Those nodes are linked together. These links are purposeful, intentional, and deliberate, not arbitrary connections" (Almarode, Fisher & Frey, 2022, pg. 171).



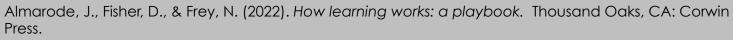


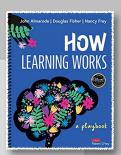
#### Learning Intention:

We are learning about the role of self-testing in the acquisition, consolidation, and storage of learning.

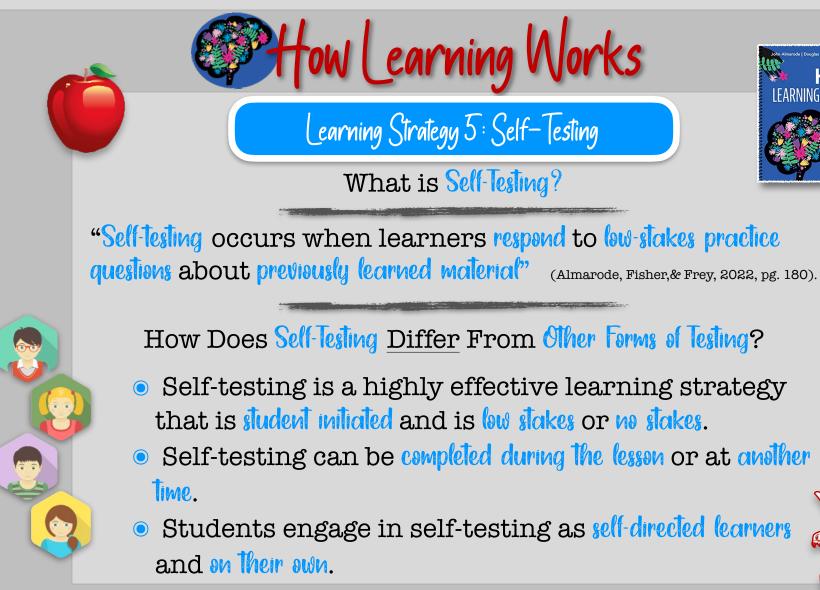
### Success Criteria:

- I can describe what is meant by self-testing.
  - I can explain how self-testing benefits my learners.
  - I can apply the gradual release of responsibility to explicitly teaching students to engage with self-testing.





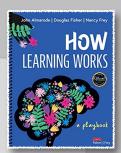








### **Benefits of Self-Testing:**

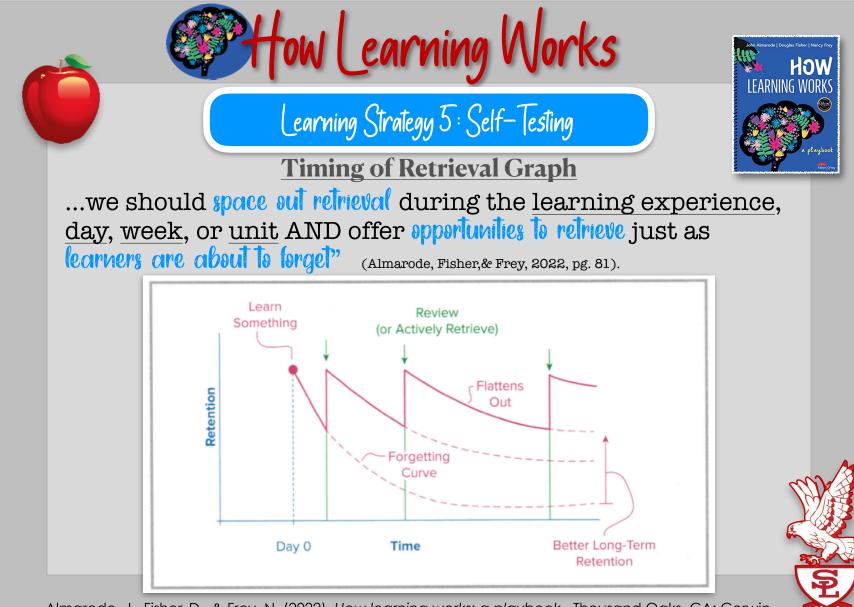


- Responding to low stakes practice questions engages students in the retrieval of previous learning.
- As shown by the timing of the *retrieval graph*, the *benefits of selftesting* are *enhanced* when the questions are *spaced over time*.

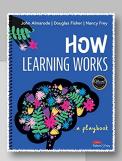


- Not all low-stakes questions are <u>created equal</u>. *Free-response* questions require a different kind of knowledge retrieval than multiple choice questions.
- Self-testing *amplifies* other *promising principles* such as: *motivation*, attention, elaborate encoding, retrieval and practice, cognitive load, productive struggle, and feedback. Identify the evidence that explains why the climate of New York City is cooler han the climate of Rio de Janeiro even though they receive about the same vearly precipitation. [1]









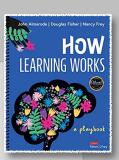
Some Considerations Regarding Self-Testing:

- Sometimes educators are hesitant to teach students the strategy of self-testing *due to concern that they will get practice questions incorrect*. However, this should *not be a deterrent* from teaching this strategy!
- To move learning forward, self-testing students *must have access to corrective feedback*.
- "When effective corrective feedback is provided, making mistakes and then correcting those errors based on the feedback enhances the benefits of self-testing" (Almarode, Fisher,& Frey, 2022, pg. 182).









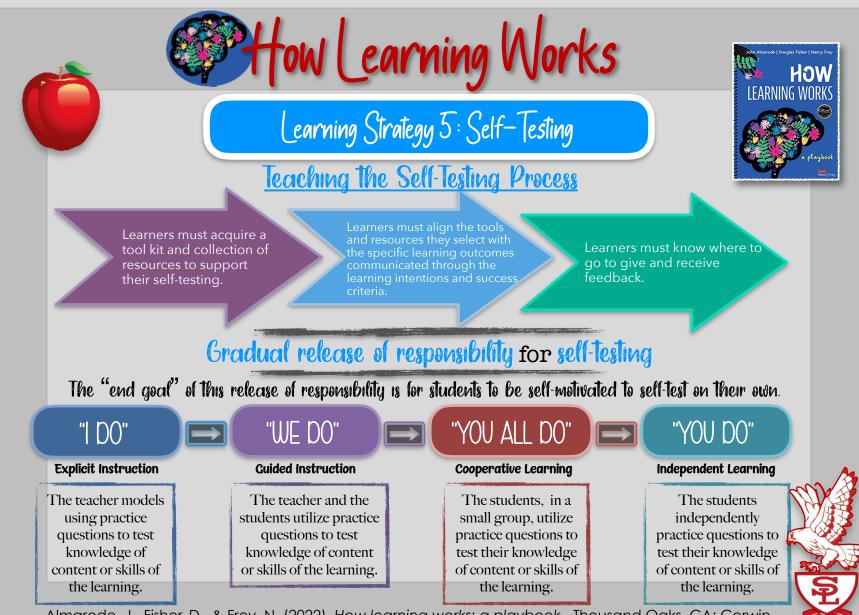
#### <u>ACTIVATING BACKGROUND KNOWLEDGE:</u> <u>EFFECTIVE FEEDBACK</u>

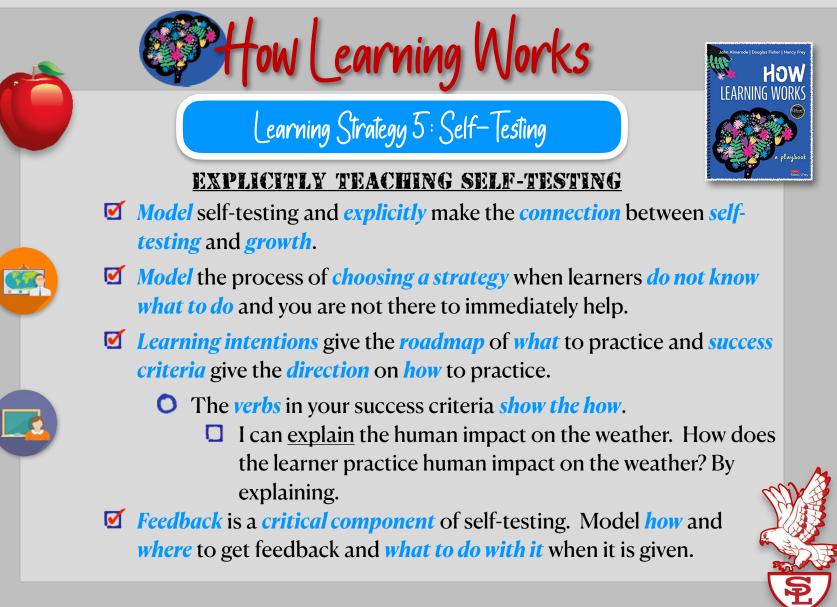
"*Effective feedback* must be *specific* about *what additional steps will close the gap* between *where learners are* and *where they are going*" (Almarode, Fisher, & Frey, 2022, pg. 116).

#### CHARACTERISTICS OF EFFECTIVE FEEDBACK

- Focuses on the *learning*, not the *individual*.
- Feedback needs to come at the *right time*, taking into consideration the *individual student to whom it is being given*.
- Feedback should vary in *timing, amount,* mode of *presentation*, and should be based on the *audience* (i.e. is it individual or to a group?)



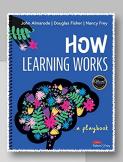


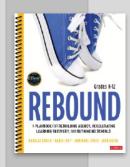






Instructional Strategy Reciprocal Teaching





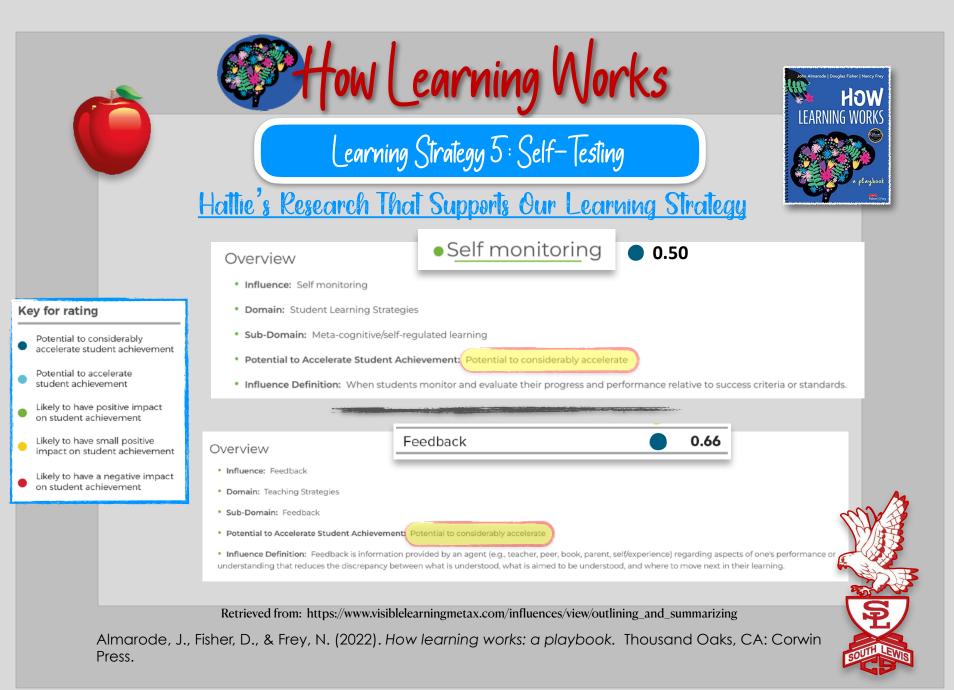
**Reciprocal Teaching.** Students work in groups of four with a common piece of text. Each member has a role: summarizer, questioner, clarifier, and predictor (Palincsar & Brown, 1986). These roles closely mirror the kinds of reading comprehension strategies necessary for understanding expository text. The reading is chunked into shorter passages so that the group can stop to discuss periodically. (Rebound Module 5, Recovering Learning through Instructional Practices, December, 2021)



This strategy combines the high effect size strategy of working collaboratively with the high effect size strategy of self-testing.

Fisher, D., Frey, N., Smith, D. & Hattie, J. (2021). Grades K-12 rebound: A playbook for rebuilding agency, accelerating learning recovery, and rethinking schools. Thousand Oaks, CA: Corwin Press.







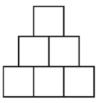


### Let's Try it Out!

- 1. Independently selftest yourself on this Math content.
- 2. Pair up with a partner and provide feedback to your partner on their practice.
- 3. Switch roles and receive feedback on your practice.

This question is worth 2 credits.

The figure shown below is made up of equal parts.



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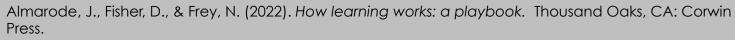
What fraction of the entire figure is each part? *Explain how you know your answer is correct.* 





One final thought.....

"In the end, we want learners, **without prompting**, to **practice**. Whether through **goal setting**, **self-assessing** or utilizing **one of the other learning strategies** presented in this playbook, we want our leaners to **self-regulate** both the **strategy of self-testing** and when to use **practice testing to enhance their learning**" (Almarode, Fisher, & Frey, 2022, pg. 188).

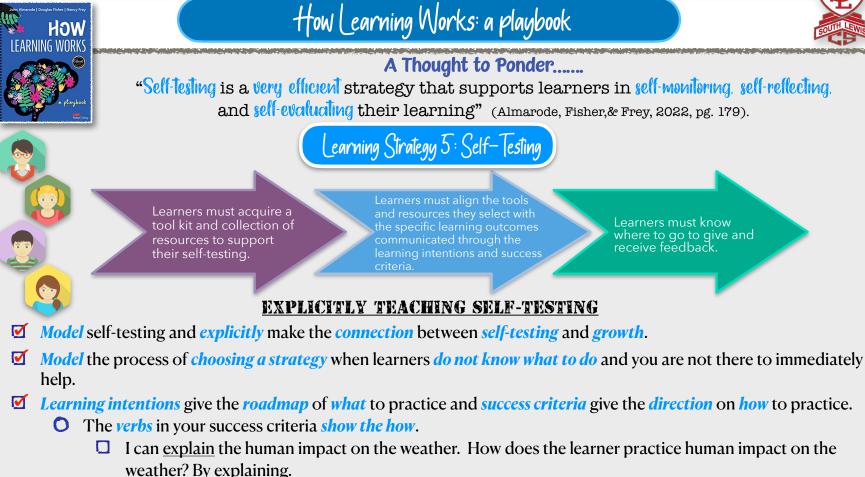




### South Lewis "Tip of the Month" - March, 2024







Feedback is a critical component of self-testing. Model how and where to get feedback and what to do with it when it is given.

"Self-testing not only capitalizes on retrieval and practice, but when learners engage in practice testing, they also leverage the other promising principles and practices..." (Almarode, Fisher & Frey, 2022, pg. 181).

## We all own this ..... We're all in this together.....





