

Seeing Errors as Opportunities to Learn

12

Overview

This lesson is designed to help students evaluate their performance and see that errors made in their learning present opportunities to learn moving forward. This works if they take the time to stop and evaluate what may have caused that error and what learning is needed to close the gap.

In this lesson, students will use assessment results from an assessment selected by the teacher and evaluate both the easy and difficult questions they got incorrect and why. It is important that the students be allowed to deem which questions were easy and which were hard instead of being told which category questions fall into. An easy question for one student may prove to be a difficult question for another student, so it is important for each student to determine the difficulty of questions for themselves.

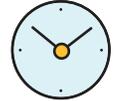
Teacher Preparation

You will need assessment results for students to engage in the learning in the lesson. Possibilities include pre- or postassessment data, unit exam data, quiz data, scoring guide data, and so on.

There are many possibilities in terms of the data to use, but a key variable is that student performance has opportunity for growth. For example, you don't want to use data where all kids earned a perfect score. It is also important to consider the learning opportunities that will be available to students moving forward so that they can close any gaps identified in the data.

Students may also need guidance on what criteria they should use to know if a question was easy or hard for them. Perhaps a way to simplify it is to say that easy questions didn't require a whole lot of thinking on your part while hard questions required you to stop and think about it for a minute.

Teacher Planning Notes:



TIME:

30 minutes



ASSOCIATED INFLUENCE AND EFFECT SIZE:

Self-efficacy: 0.92

Self-concept: 0.41

Assessment-capable visible learners: 1.44



RELATED TOOLS AND RESOURCES:

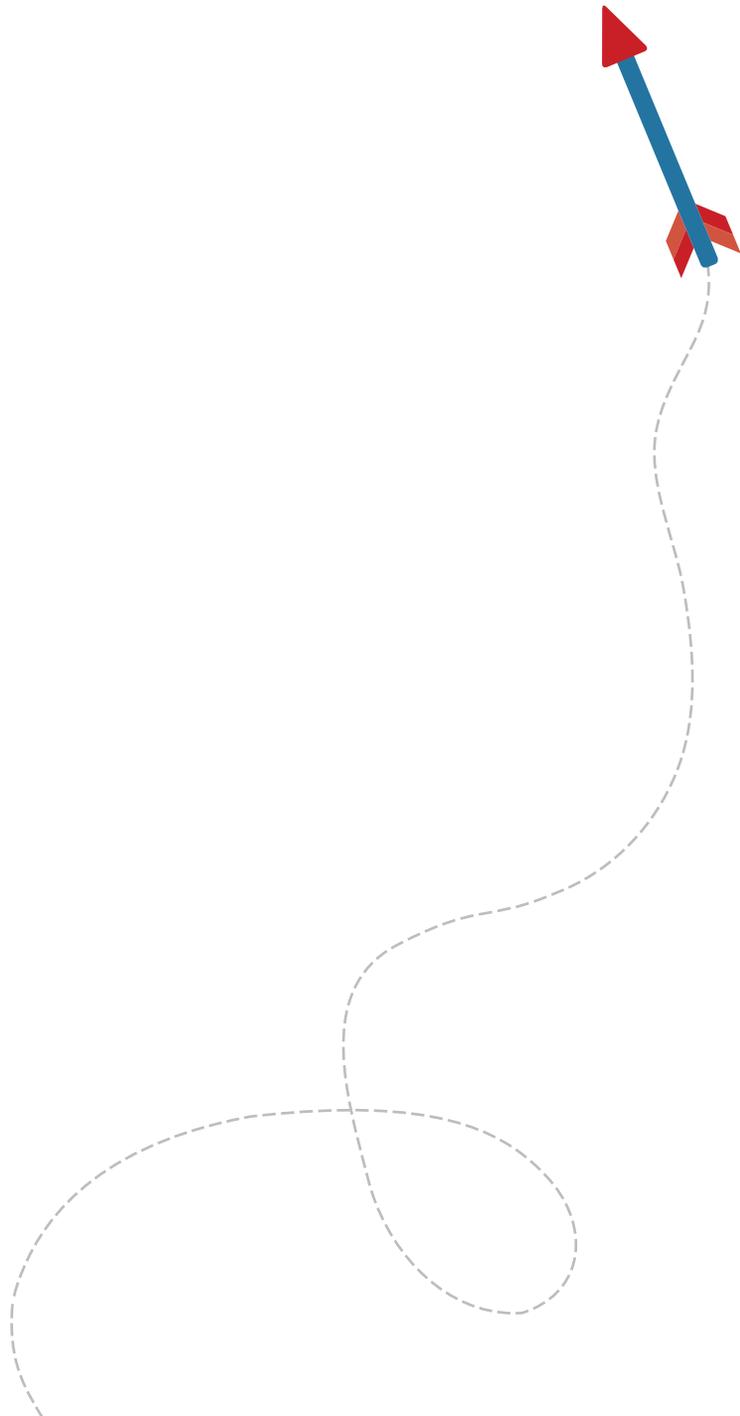
Reflecting on Errors as Opportunities to Learn Template

**Think
About It**



Stop and think about a time when you made a mistake or an error. It doesn't have to be an example connected to school; it can be anything. You could have been drawing, singing, playing a sport, cooking, talking, skateboarding. Any experience will work that you can think of when you made an error. How did you feel about it? Why did you feel that way? How did you move forward?

Becoming an assessment-capable visible learner means that you can look at the **errors** you make in your learning as opportunities to grow and build on. Today you are going to look at recent assessment results and use the chart on the next page to self-assess your performance. You will then use your errors to identify areas for growth moving forward.





Reflecting on Errors as Opportunities to Learn

Date: _____

Directions: Read and review the questions on your assessment. As you go through each one, place the question number in one of the four quadrants below.



Questions that I thought were
EASY that I got **WRONG**



Questions that I thought were
HARD that I got **WRONG**



Questions that I thought were
EASY that I got **RIGHT**



Questions that I thought were
HARD that I got **RIGHT**

**Questions that I thought were EASY that I got WRONG**

Question #: Why did you get it wrong?

What do you need to learn to get it right next time?

Question #: Why did you get it wrong?

What do you need to learn to get it right next time?

Question #: Why did you get it wrong?

What do you need to learn to get it right next time?

Question #: Why did you get it wrong?

What do you need to learn to get it right next time?

**Questions that I thought were HARD that I got WRONG**

Question #: What about the question was hard for you?

What do you need to learn to get it right next time?

Question #: What about the question was hard for you?

What do you need to learn to get it right next time?

Question #: What about the question was hard for you?

What do you need to learn to get it right next time?

Question #: What about the question was hard for you?

What do you need to learn to get it right next time?