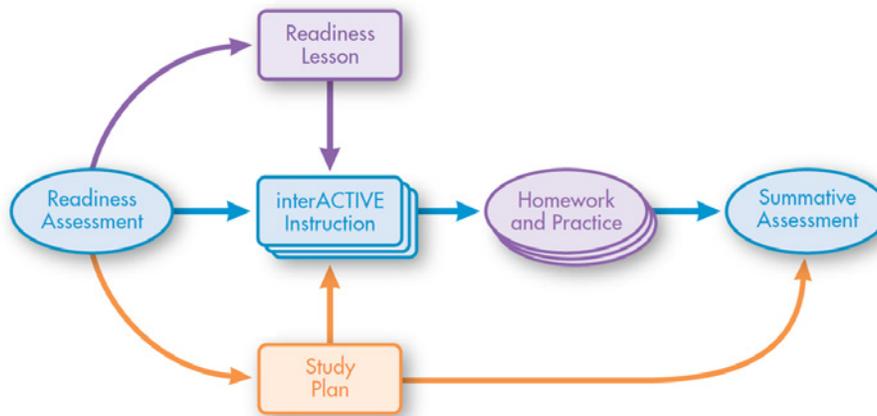


interACTIVE Learning Cycle™

Introduction

This guide looks at the digits® interACTIVE Learning Cycle™. It explains how the interACTIVE Learning Cycle™ integrates core instruction, differentiation, and intervention to support individual students in achieving grade-level standards.



Readiness Lesson

For example, based on the results of the Readiness Assessment, you can place students in small differentiated groups and are ready to begin the next step in the interACTIVE Learning Cycle™—the Readiness Lesson. The students’ personalized learning experience with the Readiness Lesson is driven by the data from the Readiness Assessment.

Readiness
Name _____ Class _____ Date _____

Team G

Planning a Concert

Before You Start

Benefit concerts are a win-win situation for all those involved. The proceeds from the concert are given to a not-for-profit organization. The concert-goers get entertainment for their charitable dollars. The bands that perform are seen in a positive light because they played for charity.

Assume all of the money collected from ticket sales is given to the charity. Three of your bands have agreed to play a benefit concert to help raise a goal of \$122,000. You have selected a local amphitheater for the concert.

Activity

There are three sections of the amphitheater.
The most expensive seats are in Tier 1, which is in front of the stage. The

Review Vocabulary

- unit rate

Benefit Concert

Come see 3 bands for one low price! 🎵

STAGE

Buy Tickets Today

For instance, struggling students who are deficient in the prerequisites will review the important foundational math concepts that they'll need to be successful with the on-level material. On-level and advanced students will move forward with enrichment and extensions of the prerequisites.

Students enjoy Readiness Lessons because they present the prerequisites in application to a real-world context that makes sense to them. Notice that the Readiness Lessons are data-driven, research-based lessons that are built to address students' weaknesses up front. This prevents them from falling behind in their grade-level math competency.

Study Plan

Additionally, the data from the Readiness Assessment drives the creation of an individualized Study Plan for every student. This Study Plan provides targeted instruction based on the specific prerequisite skills of which the students are deficient.

For example, if the Readiness Assessment covers ten specific skills, and a student misses three of them, that student will have exactly three intervention lessons correlated precisely to the missed skills. Students have the duration of the unit to complete their personalized Study Plans.

PART	Assignment	Score
PART 1	Lesson 18-5: Dividing Decimals: Part 1	0%
PART 2	Lesson 18-5: Dividing Decimals: Part 2	-
PART 3	Lesson 18-5: Dividing Decimals: Part 3	-
LESSON CHECK	Lesson 18-5: Dividing Decimals: Lesson Check	-

interACTIVE Instruction

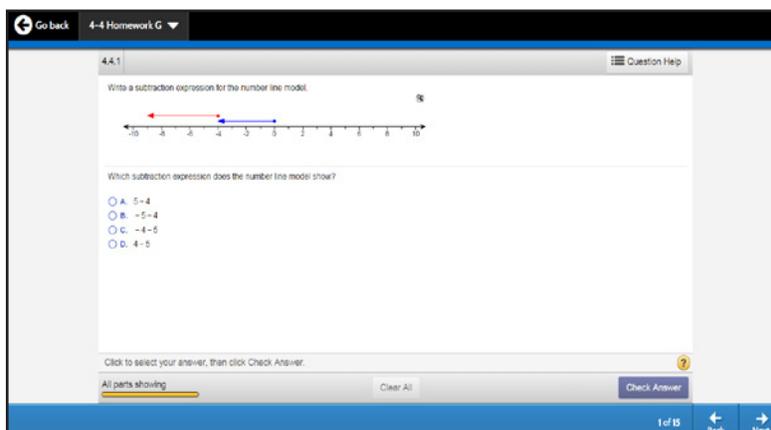
Because prerequisite deficiencies are addressed in advance, students are better prepared to succeed with on-level work. On-level work is referred to as interACTIVE Instruction in the Learning Cycle framework.

On-level instruction in digits® is led with interACTIVE lessons that are specifically designed for interACTIVE whiteboards or projectors.

Homework and Practice

Every on-level lesson is supported with automatically assigned homework and practice. These exercises are aligned to the Common Core State Standards and are driven by the results of the Readiness Assessment. Students complete differentiated assignments to ensure that below-level students are supported and above-level students are challenged.

Each problem set has two parts. The first part is given to all students and directly supports the instruction of the lesson. The second part is differentiated, where struggling students are given a problem set to help them think through the process. On-level and advanced students are given challenge problems that require deeper thinking and analysis. When delivered online, homework results are available for both the teacher and student to review.



Summative Assessment

Every topic and unit concludes with a summative assessment, which gives you an opportunity to monitor your students' progress and understanding of both the on-level instruction and any interventions.

Response to Intervention

The corresponding instruction, interventions, and assessments built into the interACTIVE Learning Cycle™ provide explicit Response to Intervention. The blue elements of the interACTIVE Learning Cycle™ represent assessment and content that is provided to the whole class as Tier 1 materials.

The purple elements represent differentiated content that provide Tier 2 resources to struggling students and additional challenges to on-level and advanced students.

The orange Study Plan element represents individualized, intensive intervention for Tier 3 students who are below grade level and who are deficient in prerequisite content.

Personalized Study Plans provide each student with targeted intervention for concepts they missed on the Readiness Assessment.

Review

This guide introduced the digits interACTIVE Learning Cycle™. It explained how the interACTIVE Learning Cycle™ integrates core instruction, differentiation, and intervention to support individual students in achieving grade-level standards.

It also detailed the Readiness Assessment, Readiness Lesson, Study Plan, interACTIVE Instruction, Homework and Practice, and Summative Assessment phases of the interACTIVE Learning Cycle™.