

core advocates > CT

Coherence Map Activity Scavenger Hunt

The Coherence Map is a dense tool, rich with information for mathematics teachers. Use this Scavenger Hunt to increase your understanding of the structure, features, and additional resources the Coherence Map offers.

Access the Coherence Map here: www.achievethecore.org/coherence-map

Grade 2: Please access standard 2.NBT.A.3 in the Coherence Map. Use the information there to answer the following.	
1. Is this standard Major, Supporting or Additional Work for grade 2?	Major Work
2. Which standards are connected to this standard, both from previous grades, within the same grade, and into future grades?	Previous grades: 1.NBT.B.2, 2.NBT.A.2 and 2.OA.C.3 Within the same grade: 2.NBT.A.1 Future grades: None
3. What does the phrase "expanded form" mean in this standard?	"A multi-digit number is expressed in expanded form when it is written as a sum of single-digit multiples of powers of ten. For example, $643 = 600 + 40 + 3$." (This phrase is hyperlinked in the standard.)
4. Which Progressions document gives more information about this standard?	Number and Operations in Base Ten, K-5

Grade 5: Access standard 5.NF.B.6 in the Coherence Map.
Use the information there to answer the following.

1. What is the earliest standard 5.NF.B.6 maps back to?	2.OA.C.3/2.OA.C.4
2. What types of “visual fraction models” does this standard refer to?	Tape diagram, number line diagram or visual model (This phrase is hyperlinked in the standard.)
3. What do you find on the last page of the sample Lesson Plan associated with this standard, “Cooking Time 3?”	Recipes to print for students to use in the lesson.
4. What two websites do the resources (Tasks and Assessments) come from?	Illustrative Mathematics and Achieve the Core

Grade 7: Access standard 7.G.A.1 in the Coherence Map.
Use the information there to answer the following.

1. Is this standard Major, Supporting or Additional work for grade 7?	Supporting Work
2. When you map this standard back, which previous standards are <i>not</i> in the Geometry domain? Are these standards Major, Supporting or Additional?	4.MD.A.3 – Supporting Work 5.NF.B.4 – Major Work 6.RP.A.2 – Major Work 6.RP.A.3 – Major Work 7.RP.A.1 – Major Work 7.RP.A.2 – Major Work
3. For one of the previous Major Work standards, explain how it connects to the mathematics of 7.G.A.1.	Sample answer: Students learn about ratio and proportional relationships in work in the 6.RP.A and 7.RP.A clusters. They apply this work to geometric shapes as they work with scale drawings in 7.G.A.1

What do you want to explore next in the Coherence Map?

What questions are lingering for you?