

# Springfield International Charter School

K-5 Curriculum

English Language Arts, Mathematics,  
& Science

2021-2022 School Year



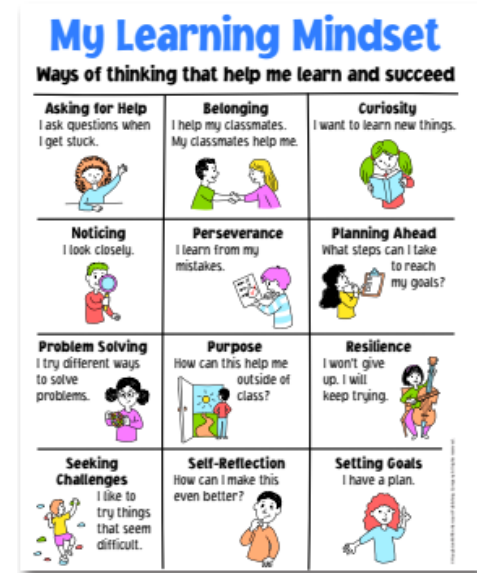
# English Language Arts K-5

## *Houghton Mifflin Harcourt* – Into Reading

- Authentic culturally relevant and diverse texts.
- SEL and Growth Mindset Curriculum is built-in.
- Daily Foundation work in Phonics and Phonemic Awareness.
- There are lessons and activities to meet the needs of all learners.

### Quotes from K-5 Teachers:

- “The Program overview paces the entire school year by modules. Then it paces how to complete each weekly portion of a module by breaking down lesson portions daily... includes a SEL portion..”
- “it allows kids to truly put their learning in their own hands!”
- “The stories have characters from vast backgrounds with authors from diverse cultures. There are so many modules that coordinate with Science and Social Studies.”
- “..includes all elements of ELA standards, culturally inclusive, family connection, opportunity for leveled reading, and a social emotional component”



## Home to School Connection

### Mathematics K-5

*McGraw Hill, Reveal Math*



### Quotes from K-5 Teachers:

- “Work Together, On My Own, Stem Connection, and “Extend your Thinking, in each lesson.”
- “Curriculum builds upon conceptual understanding.”
- “Intervention resources align with each unit allowing for corrections of misunderstanding and target gaps in learning.”
- “Has direct links to STEM projects.”



# Mathematics K-5

## McGraw Hill, Reveal Math

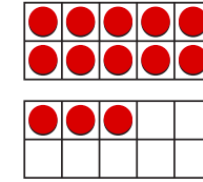
- It provides good Vertical Alignment between grade levels.
- There's a natural progression in conceptual thinking vs. skill learning.

On the right is an example of with Place Value Module →

Grade 1

### Work Together

How many counters?  
 \_\_\_ group of ten and  
 \_\_\_ ones is \_\_\_.



64 Lesson 1 • Numbers 11 to 19

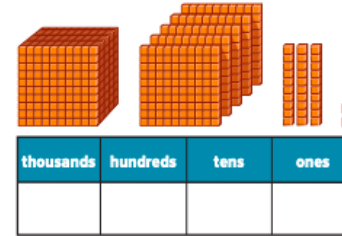
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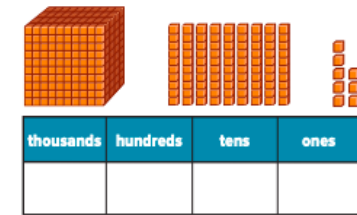
What number is represented by the base-ten blocks?

Grade 3

1.



2.



10. How does the value of the 7 in the thousands place relate to the value of the 7 in the ten thousands place?

hundred thousands	ten thousands	thousands	hundreds	tens	ones
4	7	7	3	0	0

Grade 5

11. **STEM Connection** Studies show that the first observation of Halley's comet was in 466 B.C. What are two different ways to describe the relationship between the digits 6 in 466?

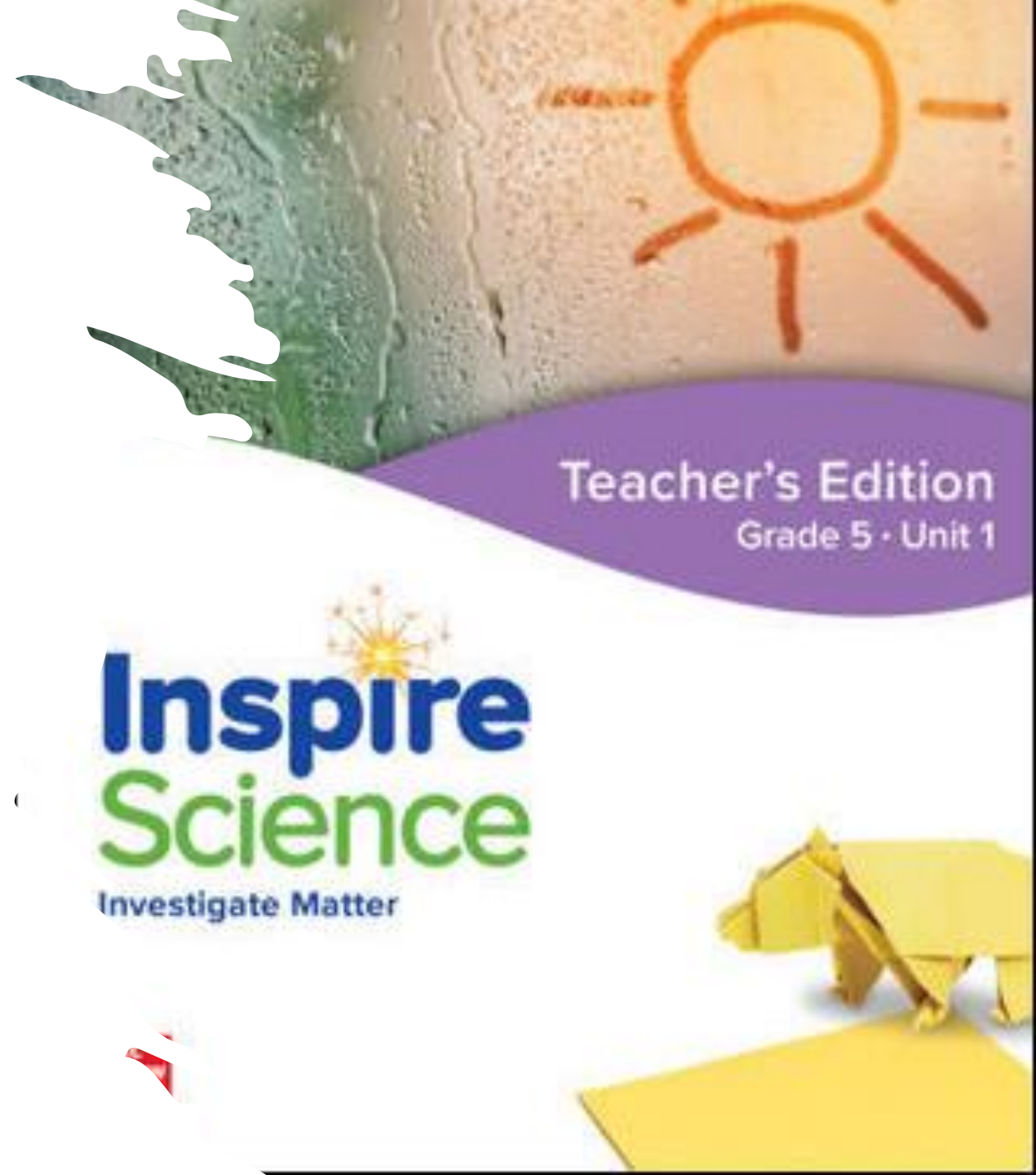


12. **Extend Your Thinking** Write a number so that the digit 5 has a value of 5,000 and is  $\frac{1}{10}$  the value of the digit in the ten thousands place.

# Science K-5

## *McGraw Hill, Inspire Science*

- We wanted to have a cohesive Science Program K-5.
- Inspire Science from McGraw Hill will help to build from Kindergarten to Grade 5 on student science knowledge to prepare them for MCAS and Gr. 6-12.
- Quotes from K-5 Teachers:
  - “It is hands-on, with real world applications that connect to STEM concepts and practices.”
  - “Hands-on materials pictured and labeled for students, writing in each lesson. Students must write claims and provide evidence, investigate and explain their reasoning.”
  - “Lots of hands-on activities, focus on depth, not breadth.”
  - “many hands-on exploration plans”
  - “Hands-on and research activities. Has simulations and projects where students collect data. Leveled readers for nonfiction. Integrates well with ELA.”



# Digital Access

- K-5 students will have access to the digital component to each curriculum. Teachers will incorporate as needed depending on the grade level.

- Houghton Mifflin Harcourt
- McGraw Hill Reveal Math
- McGraw Hill Inspire Science

