

Springfield International Charter School

Middle School Gr. 6-8 Curriculum
English Language Arts, Mathematics,
& Science

2021-2022 School Year



English Language Arts 6-8

McGraw Hill, StudySync

- *Includes six units per grade for 180 days of integrated reading, writing, listening, and speaking instruction*
- *Features a continuously growing library of over 1,700 classic and contemporary texts*
- *Supports interchangeable print and digital use*
- *Enhances instruction with rich multimedia and digital tools*
- *Automatically embeds scaffolds so ALL students reach their potential*
- <https://s3.amazonaws.com/ecommerce-prod.mheducation.com/unitas/school/explore/sites/studysync/studysync-ms-overview-brochure.pdf>



studysync®

Mathematics 6-8

McGraw Hill, Reveal Math

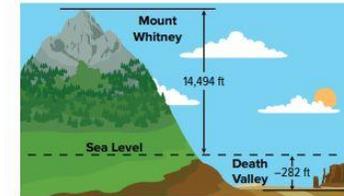
- Overall, we feel this curriculum is by far the best and has everything the teachers and students will need to reach our high academic goals. The online Student Dashboard and digital textbook are user-friendly and well laid out for ease of use. The setup of the lessons are similar to Teach, Practice, Check with **Launch, Explore & Develop** and **Reflect & Practice** so the transition should be smooth.
- There is also the intervention program ALEKS which is very similar to IXL which we use now. It individualizes a program for each student to fill gaps and advance grade level knowledge.
- <https://s3.amazonaws.com/ecommerce-prod.mheducation.com/unitas/school/explore/sites/reveal-math/program-overview-6-8.pdf>

Think About It!
Will the distance be greater or less than 14,494 feet?

Talk About It!
Is it reasonable to have a negative answer? Why or why not?

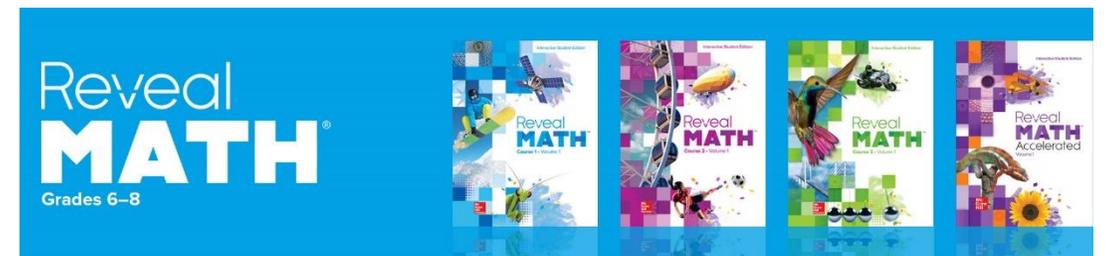
Example 5 Find the Distance Between Integers

The highest point in California is Mount Whitney with an elevation of 14,494 feet. The lowest point is Death Valley with an elevation of -282 feet.



What is the distance between the height of Mount Whitney and the depth of Death Valley?

$$\begin{aligned} |14,494 - (-282)| &= |14,494 + 282| && \text{To subtract } -282, \text{ add its additive inverse.} \\ &= |14,776| && \text{Add.} \\ &= \boxed{} && \text{Find the absolute value.} \end{aligned}$$



Science 6-8

McGraw Hill, iScience

- The iScience program includes multiple online resources, including educational videos, games & knowledge checks, that can be used both in the classroom and assigned as homework assignments. The online homepage appears to be user friendly and clear.
- The digital platform for iScience offers self-testing for the students which will signal their strengths and weaknesses. The incorrect answers in the testing can bring them directly to the information in the digital text.
- The teacher will also have access to the student achievements as well as topics where there may be a struggle to allow for the teacher to address the items that may need further review. This feature produces a sense of ownership and opportunity for success for each student at various learning levels and abilities.
- The setup of the textbook is very straight forward and easy to interpret, but also includes multiple activities, comprehension questions, and labs. The online database allows students to access all of their core subject's books from one location, instead of having to learn how to navigate multiple platforms. Overall, iScience seems to be the best option overall for our students who will be acclimating to a new school structure in the coming year.



LIFE



SCIENCE

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