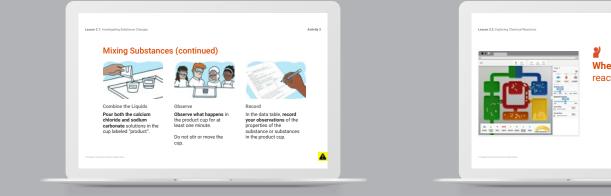
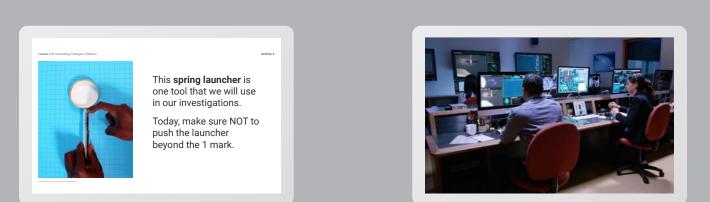
Grades 6-8

# Classroom Slides









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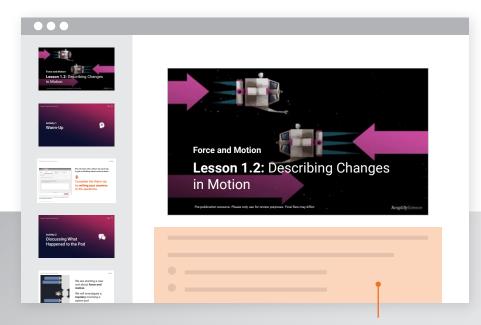
### **Classroom Slides**

Spending time on science should be about the science. Get there faster with Classroom Slides.

#### Classroom Slides are:

- Downloadable and editable, allowing you to save your modifications.
- Clearly sequenced, engaging, and easy to follow to help you bring the rich storylines and 3-D instruction to life.
- Easy to use with time-saving supports such as lesson visuals, activity instructions and transitions, animations, investigation setup videos, tech support, and more!

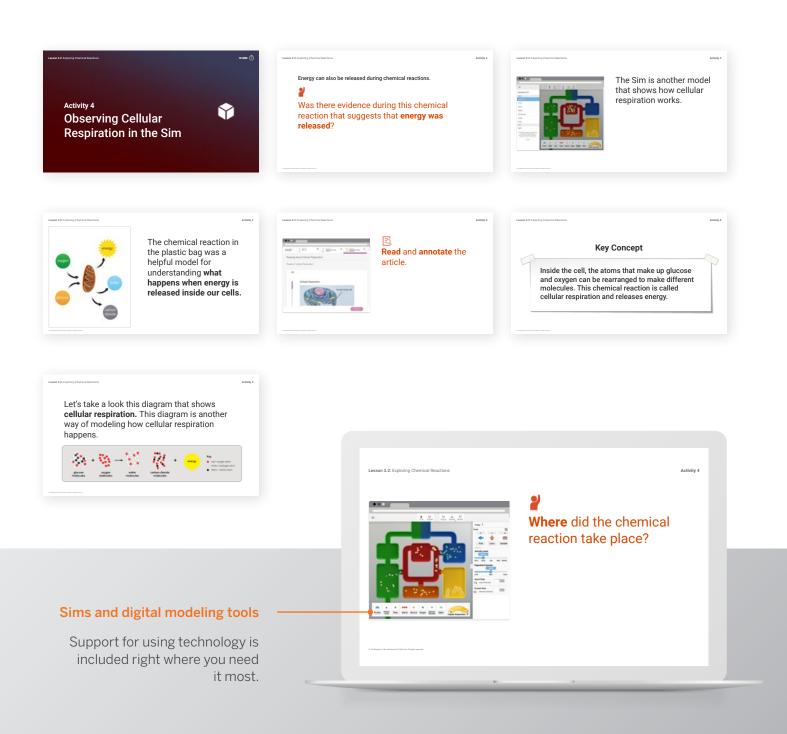
6–8 Classroom Slides start rolling out for Back to School 2020!



The Notes section of most slides includes suggested teacher talk, teacher actions, potential student responses, and assessment supports. The first slide of each file includes links to relevant resources in the digital Teacher's Guide.

### Metabolism



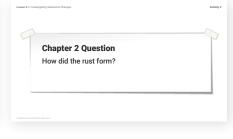


## **Chemical Reactions**





#### Complete the Warm-Up by reading the message and responding to the questions.



#### essan 2.1: Investigating Substance Changes

More detailed observations provide stronger evidence. In this investigation you will be looking for evidence of whether substances have changed into different substances. It will be important to make detailed observations.



We are going to begin gathering evidence by observing what happens when **two substances** are mixed together.

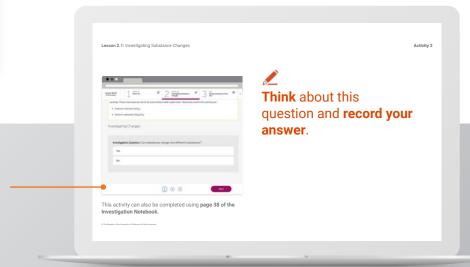


What did you **observe** in the Sim when you mixed the two substances together?

#### Mixing Substances Stay Safe Put on your safety goggles. Observe Make detailed observations of the calcium chil

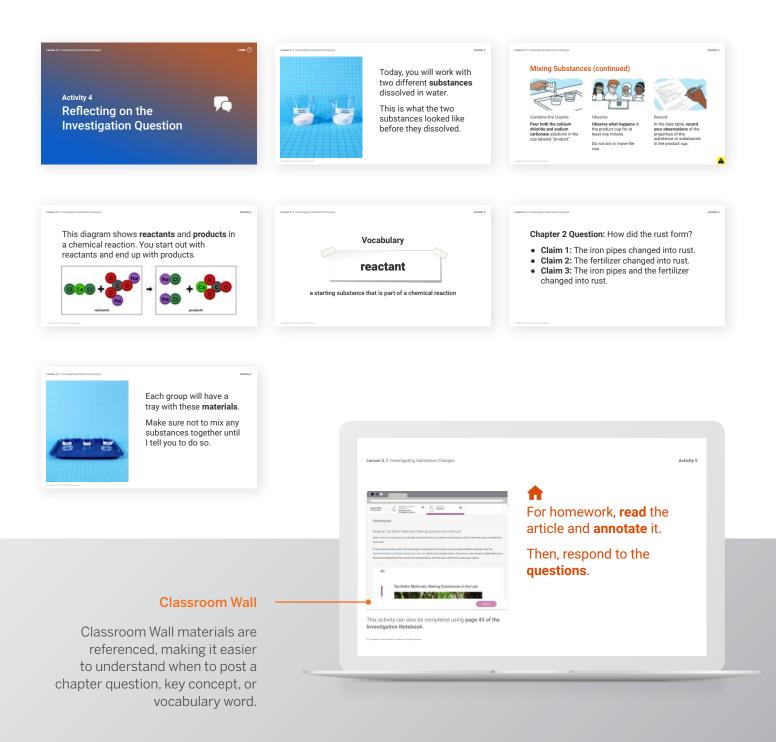
Make detailed observations of the calcium ch and sodium carbonate solutions Record Record your observations in the data table.





### Student Investigation Notebook and student responses

Notebook pages and digital student response prompts are referenced on the slides, and students can clearly see where to focus.



### Force and Motion





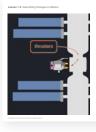
If I hold a pencil as I walk around, from my **frame of reference**, the pencil is not moving.

But from your frame of reference, the pencil **is** moving.



This **spring launcher** is one tool that we will use in our investigations.

Today, make sure NOT to push the launcher beyond the 1 mark.



The **thrusters**, or small engines, were supposed to fire and stop the pod as it reached the space station so it could dock.

Instead, this pod moved in the **opposite direction**.





For homework, create a model to show your ideas about what happened to the pod.



We identified **five ways** that motion can change.

Remember that a change in motion is the same thing as a **change in velocity**.



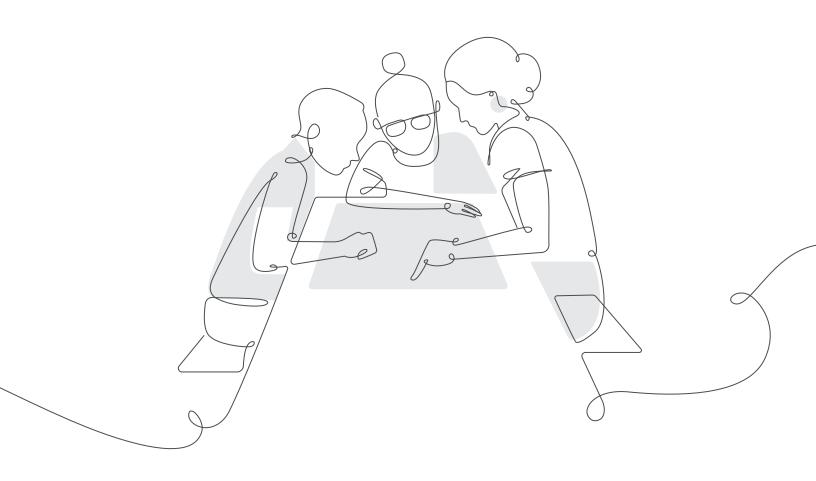
Videos

Many Classroom Slides include embedded videos.



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