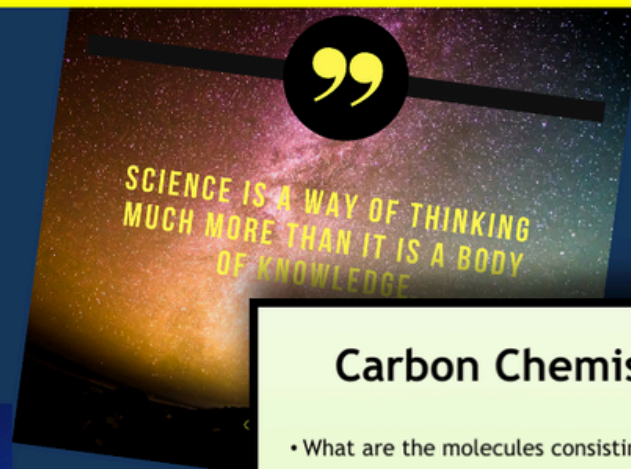


Bell Ringers, Class Warm-Ups, and Exit Tickets

MEGA BUNDLE



Carbon Chemistry

- What are the molecules consisting only of carbon atoms bonded to hydrogen atoms called?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



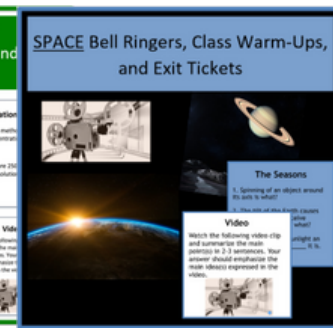
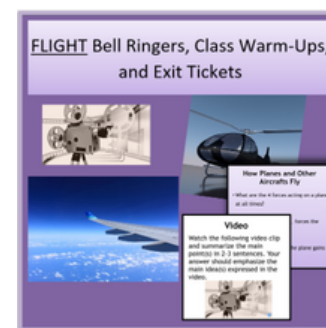
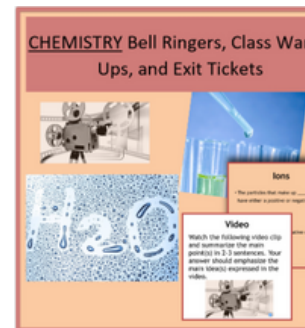
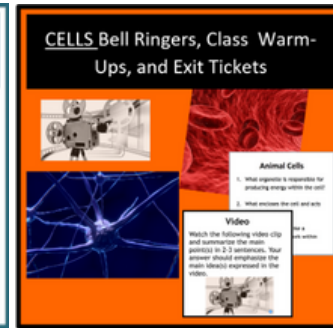
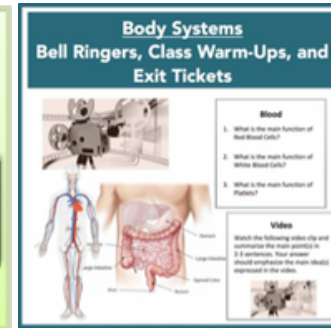
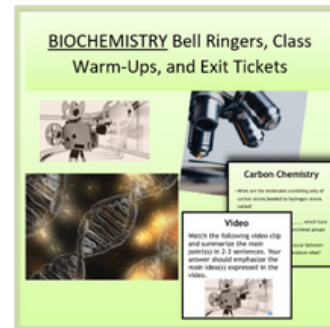
_____ which have functional groups

occur between produce what?



Resources Included:

- Biochemistry
- Body Systems
- Cells
- Chemistry Introduction
- Climate Change
- Ecology
- Flight
- Solutions and Solubility
- Space



BIOCHEMISTRY Bell Ringers, Class Warm-Ups, and Exit Tickets



Carbon Chemistry

What are the molecules containing carbon atoms bonded to hydrogen atoms called?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



Body Systems Bell Ringers, Class Warm-Ups, and Exit Tickets



Blood

1. What is the main function of Red Blood Cells?
2. What is the main function of White Blood Cells?
3. What is the main function of Platelets?



Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



CELLS Bell Ringers, Class Warm-Ups, and Exit Tickets



Animal Cells

1. What organelle is responsible for producing energy within the cell?
2. What encloses the cell and acts as a barrier?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



CHEMISTRY Bell Ringers, Class Warm-Ups, and Exit Tickets



Ions

The particles that make up matter have either a positive or negative charge.

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.

active charge

Climate Change Bell Ringers, Class Warm-Ups, and Exit Tickets



Climate Change

Provide 3 potential impacts of climate change.



Climate Change

1. Explain to someone who may not be familiar with the concept, the connection between CO₂ and climate change.

ECOLOGY Bell Ringers, Class Warm-Ups, and Exit Tickets



Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Emphasize the main idea(s) in your answer.

FLIGHT Bell Ringers, Class Warm-Ups, and Exit Tickets



How Planes and Other Aircrafts Fly

What are the 4 forces acting on a plane at all times?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



Solutions and Solubility Bell Ringers, Class Warm-Ups, and Exit Tickets



Concentration

1. What are the four methods to describe the concentration of a solution?
2. How do you prepare 250 mL of 0.025 M Ba(OH)₂ solution?



Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



SPACE Bell Ringers, Class Warm-Ups, and Exit Tickets



The Seasons

1. Spinning of an object around its axis is what?
2. The tilt of the Earth causes what?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



Three Types Of Activities

Animal Cells

1. What organelle is responsible for producing energy within the cell?
2. What encloses the cell and acts like its skin?
3. This organelle acts like a transportation network within the cell.

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



”

**THE MOST DANGEROUS
WORLDVIEW IS THE WORLDVIEW
OF THOSE HAVE NOT VIEWED THE
WORLD.**

— ALEXANDER VON HUMBOLDT

1. Bell Ringer Questions / Exit Tickets to assess your students' understanding
2. Topic-specific, engaging videos to demonstrate applicability and relevance
3. Inspiring and insightful quotes to encourage discussion

Create Routine

- These daily activities are meant to be used each day to create a routine and encourage a faster, more efficient beginning to your class
- Students quickly learn what's expected of them
- They encourage students to arrive on time and review their notes each night

Two Key Reasons This Method Works

1. It encourages your students to review their notes on a nightly basis so they're ready for class.
2. It creates a routine in your classroom that encourages your students to arrive and get settled for class quickly and quietly. Once we're done, the students are ready for class and already have their brains thinking science.

Your Resource Also Includes

- Double-sided, student answer sheet for the entire unit
 - Keeps everything organized and easy to grade
- Day-by-day teacher answer sheet
- Teacher mark recording Google Sheet

Solutions and Solubility Answer Key

Solutions and Solubility

1.

2.

Concentration

1.

2.

PPM and PPB

1.

2.

Ecology Activities – Answer Key

The Spheres of the Earth

1. What are the THREE main spheres of the Earth and where are they found?

Atmosphere – Air surrounding the Earth, Lithosphere – The rock that makes up the Earth, and Hydrosphere – The water around the Earth

2. What is the fourth sphere and how does it relate to the main three?

Biosphere – The biosphere is the parts of the Atmosphere, Lithosphere, and Hydrosphere where life can survive.

Ecosystems

Consider a typical home backyard. If you have one, picture it. List 5 biotic and 5 abiotic factors you'd find there.

Answers will vary.

Energy Flow in Ecosystems

You have three main species living in an area – Deer, Wolves, and Grass. The wolves eat the deer and the deer eat the grass. In as much detail as possible, describe what would happen if a natural disaster destroyed 2/3 of the grass population, which will take 5 years to recover.

If 2/3 of the grass population were removed, there would be 2/3 less grass for the deer to eat. This would cause a decrease in the deer population quickly.

When the deer population goes down, there's less food for the wolves, which causes their population to become smaller. After five years, the grass will grow back which will allow the deer population and then wolf population to return to their normal levels.

Cycling of Matter

1. What is the name of the process responsible for taking most of the nitrogen from the atmosphere and placing it into the soil?

Nitrogen Fixation

2. In as much detail as you can, draw the hydrologic cycle.

