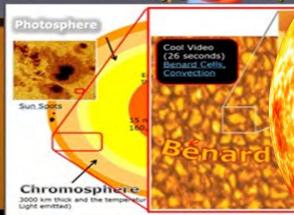
## and Stars



 Process where heavier elements are cr inside stars from hydrogen nuclei

 Solar prominence: The stretching out of gas components to a length that can reach thousands of kilometers on the surface of the

Their causes are uncertain but probably involve magnetic force

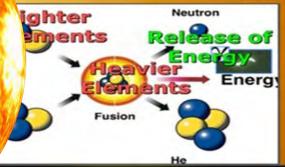


Plot the Star. Luminosity 1, Temp 5,000

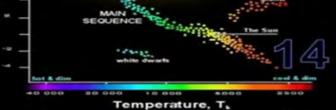
– What color will it be?



Penumbra The region in which only a portion of the i source is obscured by the occluding body The atmosphere acts like a filtered lens. scatters out blue light. It's the same reason why sunrises and sunsets appear reddish



s diagram... Hertzsprung-Russell (HR) Found that the tween temperature a a star was not random cool & bright 10 Luminosity



# Interactive Slideshows





Power par 

- Which is true of the Hertzsprung-Russell Diagram (HR)
- A) Tracks the orbits of stars in the galaxy
- B) Mailles how in every line tens can then controller.
- C.) Was critical in the formation of the heliocentric model of our solar system
- D.) It plotted Luminosity to a stars
- E.) This diagram is outdated and no longer used because Hipparchus cataloged the first stars in 129 BC.

- Plot the Star. Lumin
- A = Hot and Bright Main Sequence Stars



- The Carrington Event, September 1, 1859.
  - A giant solar storm hit earth disrupting all electronics (telegraph) and lit up the sky.
    - If that event happened today the earth would be thrown into chaos without technology.

 The sun changes slowly over time converts Hydrogen into Helium at

Solar Eclipse

Work Bundle Question

The Hertzsprung-Russell Diagram (HR) HR Diagram



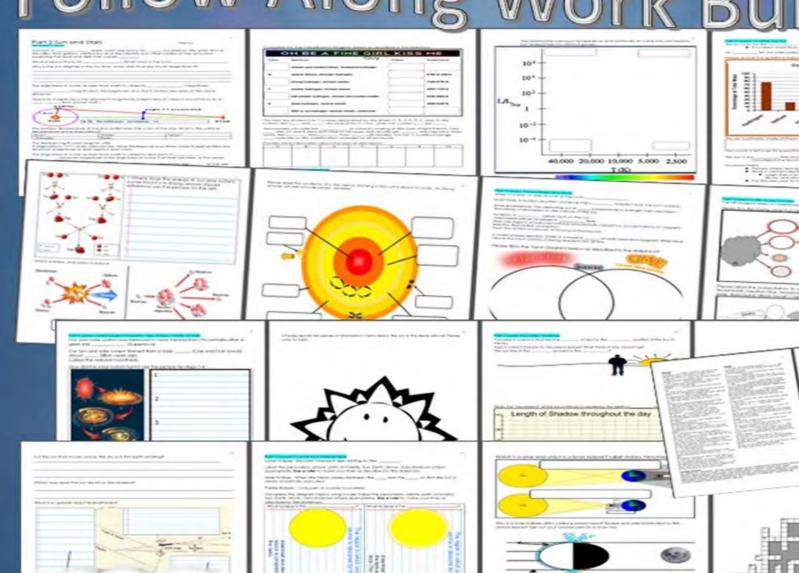
Try to do as many hours as possible Teacher will call out each hour if using flood light as they move the sun Red and Brown Dwarf Class M

2,200 to 3,800 degrees Kelvin White Dwarf Class O 100,000 Kelvin

SUN

G Class Star, Temps above 5,000K

# Follow Along Work Bundle



Pages

### Activities, Notes, Keys, Assessments, and more all built-in



What are two possible outcomes that can occur to a Super Manage Star as it gets close to the end?





- 1/50 of a circle -- 5 000 stadia (-800 km) .. 1 circle -- 50 x 5 000 stadia = 250 000 stadia (~40 00
- 800 km X km 800 km
  - X km = 50 x 800

Nell at Syene (Aswan)

40,000 km

Center Actual circumference is... of the Earth

- The Sun is white.
  - It may appear yellow because of atmospheric



- The brightness of a star as seen from earth is called its apparent magnitude.
  - Absolute magnitude is the brightness of a star if all stars are seen at the same distance

.Could "A" be brighter / have a larger Absolute magnitude? Brighter Apparent Magnitude

A medium-sized, main sequence uz star located on the spiral arm of the Milky laxy, and orbited by all of the planets er bodies in the Sol System,

Formation begins and gravity causes the nebula to contract.....

Gravity pulls in the mass of the nebula in, then starts spinning, then the disk forms (planetary, solar disk)

Gravitational energy gets converted to thermal energy (heat); gets so hot, then nuclear fusion, then the sun is born.

 The surface temperature of the star determines the color of the star.





Part 2: The Sun, Absolute Magnitude, Apparent Magnitude, Parsec, Stellar Classification / Spectra, Hertzsprung Russell Diagram, Composition of the Sun, Nuclear Synthesis, Layers of the Sun, Solar Flares, Coronal Mass Ejections, Carrington Event, Life Cycle of a Star, Blackhole, Neutron Star, Solar System Formation, Shadows, Sun Dials, Eratosthenes, Graphing Shadow length, Solar Eclipse, Lunar Eclipse, Path of Totality, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

### Part 2: Astronomy Unit











Part 2 Lesson 1 The Sun



Part 2 Lesson 2 HR Diagram



Part 2 Lesson 5 Life Cycle of Stars





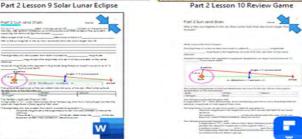




Part 2 Lesson 7 Optional Sun Song



Part 2 Work Bundle Digital



Part 2 Lesson 11 Review Game Answers

Part 2 Work Bundle Answers

Part 2 Work Bundle Print

Part 2 Work Bundle Writable pdf

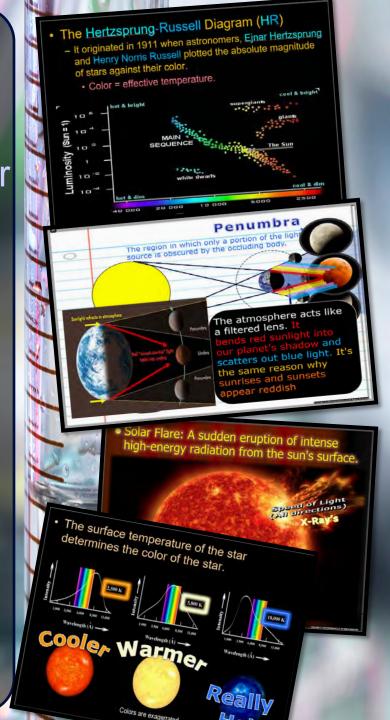
## SlideSpark Science

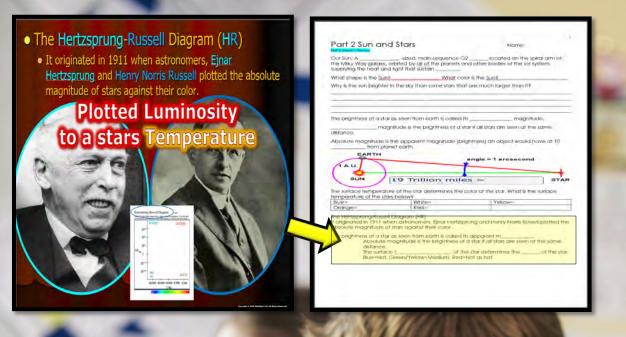
### MIDDLE-LEVEL EDUCATIONAL RESOURCES

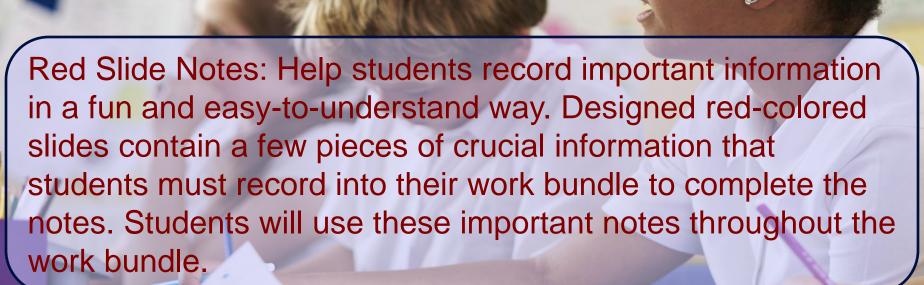


Interactive slideshows provide the roadmap for an amazing learning experience for students in grades 5-9. A Detailed set of work bundles chronologically follow the digital learning, providing a clear and intuitive roadmap to understanding. As the teacher or student advances through a slideshow, exciting hands-on activities, fantastic visuals, fill-in notes, review opportunities, video links, assessments, and much more are strategically placed throughout. Interactive learning unfolds step by step and supported by the work bundle to reach all types of learners. Everything you need to run to an amazing learning experience is provided in this one-of-a-kind science curriculum.

Each unit in the curriculum is designed to help teachers deliver the best possible learning experience for their students. Our interactive science slideshows are filled with questions and answers, important fill-in notes, hands-on activities, projects, games, built-in quizzes, and end of the unit assessment pieces. Students follow along with a work bundle that documents the entire learning experience for a fantastic review and assessment piece.







The set-up of the slideshows are designed to make learning fun and interactive for students. With a mix of questions and answers, teachers can use these slides to get their students thinking and actively participating in their education. Plus, the answers are always revealed on the next slide, providing students with immediate feedback and helping teachers assess their understanding.

106

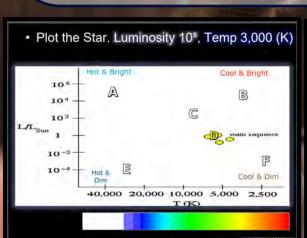
104

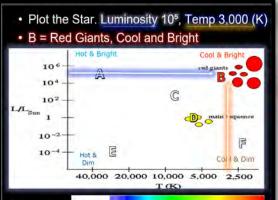
L/L Sun

10-2-

10-4

40,000 20,000 10,000 5,000 2,500





Jext'Slide slideshow support Spideshow supports work Bundle

### Lesson Planning

Daily lessons space exciting hands-on activities, red slide notes, video and academic links, projects, simulations, readings, built-in quizzes, and review opportunities throughout the slideshows. A typical day may have many different learning styles being targeted. Daily lesson planning becomes advancing through the slideshow roadmap the night before. Each lesson is roughly 50 minutes, but sometimes things can speed up or slow down. The best strategy is just to go at your classes own pace. The work bundle chronologically follows the interactive slideshow and you can always spend extra time assessing the quality of the writing within. If you don't quite finish a lesson, you can always pick it up the next day where you left off. The only real trick in timing is not starting a larger activity if you don't have the available time to complete. The slideshows have been designed to be a low stress, go at your classes own pace experience. Most activities are designed to be cost effective, using general materials that can be gathered from your local stores.

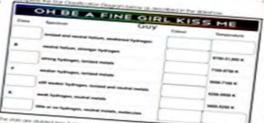


One clear, organized bundle guides students through notes, review, and assessments with ease.

# Follow Along Work Bundle

Each science unit comes with several work bundles. The bundles should be printed before the unit begins and distributed to the students on the first day of the unit. The work bundles will be due shortly after the completion of the unit. The work bundle will become a resource for the review games, crossword puzzles, and will be collected for assessment. The work bundle follows the entire learning experience and will be used every day. They are chronological to the lessons and provide places to record fill-in notes, answer questions, collect data, graph and much more. An answer version is provided that can that be distributed to your support professionals. A digital version of the work bundle and some writable .pdf versions are provided if you want to go paperless. These work bundles are perfect for students looking for an easy and organized way to track their progress and stay on top of their studies.





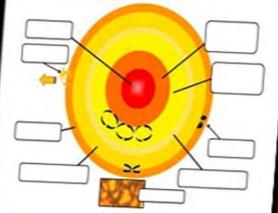
The risks are diskpoint from 7 classes designated by the temporal A.A.F. G.A. and M. Re-horizon class [\_\_\_\_\_\_\_] are think action in closely, while the constant [\_\_\_\_\_] are

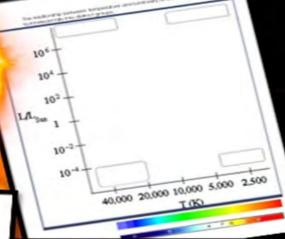
AMOUNTED OUR PLAN THE STATE OF THE STATE OF

the Principles of the Asia of the Estimate

has resinguising diseased Diagnam (FB)
or diagnostics in (ser currier) delicencies, fond exproporting this representation of adoption of account and account and account and account a

Pill and it drawn to some the strong

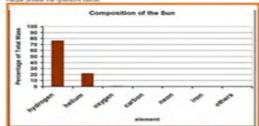




The Sun's by fair the \_\_\_\_\_\_\_object in the sixon system.

If conform those than \_\_\_\_\_S of the total mass of the Solar System.

for that soot system comes from the Sun.



he sun is primarily mode of these two elements. Please entirests the % from the graph.

FOR TAXTS INFOVE TO EVERYTHIS SIZE!

- priheta

   Projets where negver

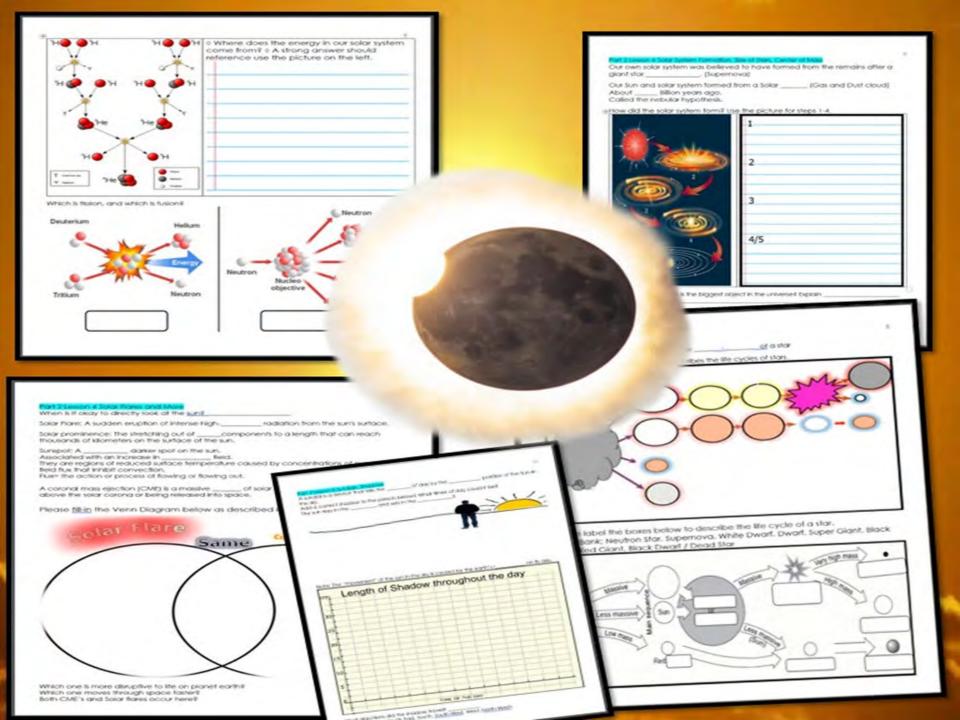
  the chapter initial statistics from hydrogen nucles.

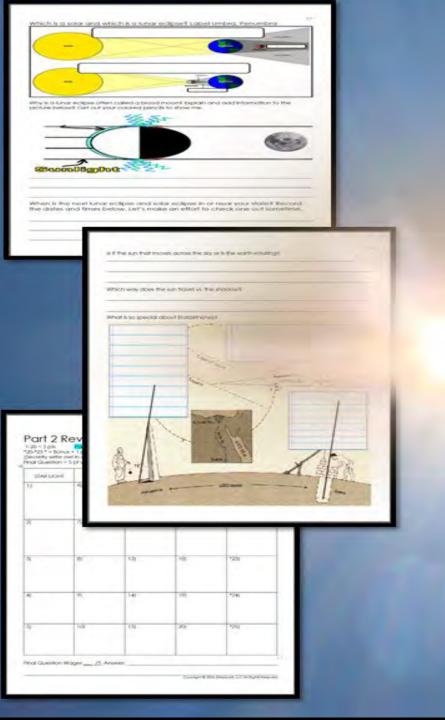
   Bod is chaptered depends on the gas and \_\_\_\_\_\_\_ of the stat.

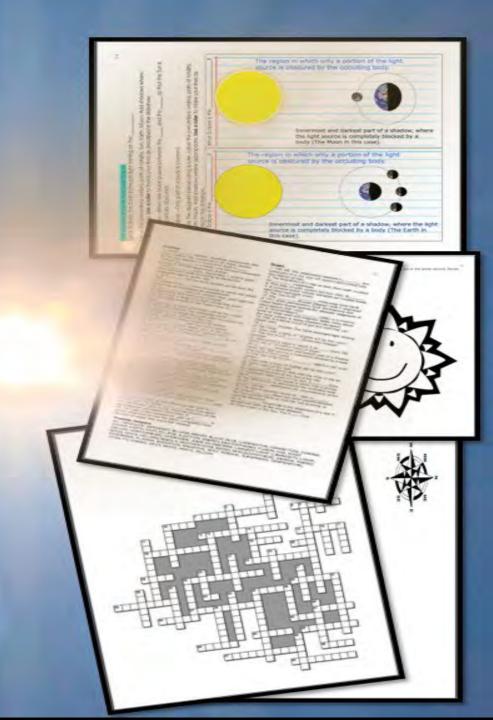
   Logis risk may have customitris \_\_\_\_\_ and maghesum, oxygen trib

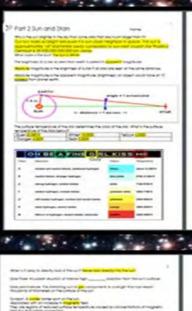
  allow and allows trib.
- This ting precursor to 5-personal

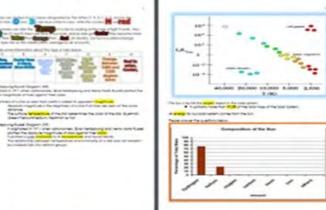
18 Pages

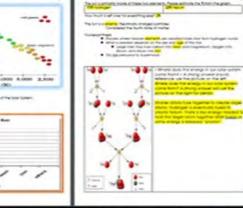


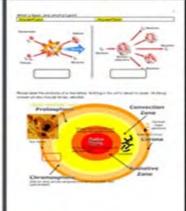










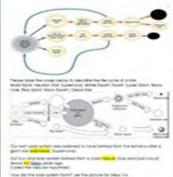


Emport A profession of the Set.

Appropriate of the impropriate the Emports (ME)

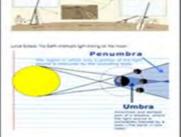
The consequence of the Emports of Emports (ME)

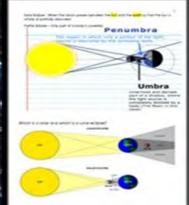
Emports of the Emports of Emports o halik tispon teloca a atemporar<u>ia. I**le** tural</u> et a doi: hour thin marriany once that provides the like success from





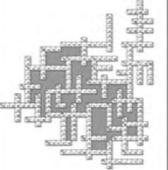










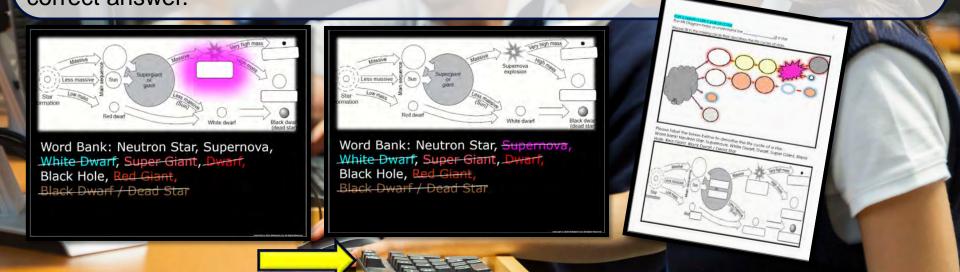


Level 1, the control of the control 

Part 2 Review Game Sun and Stars are Hapty, Spell The bright MEDIAN INCOME.

# Built-in Questions and Assessments Nany clides will have relevant terms covered with a have will have relevant terms covered with a have will be a second to the second terms of the seco

Many slides will have relevant terms covered with a box. When advancing through the slideshow an outline around the box will glow with a bright color. The next slide will make the box disappear. These slides allow the teacher to call upon students or table groups / check for understanding before advancing. The team at SlideSpark has found that using this technique helps to keep the students focused. Constantly recalling and reviewing information learned is necessary when moving through a large unit. The slideshows don't just give everything away for free. Students should be able to demonstrate knowledge before moving on. Some slides have full questions instead of just covered terms. In these slides, the teacher should encourage small group work. The teacher can then call upon one or two groups to share before advancing the slide. The next slide will always reveal the correct answer.



## Review Game / Assessments

Each of the Units concludes with a review quiz. Answers are provided in slideshow form so students can self assess. A blank template sheet is provided in the work bundle. Students can benefit from working together in small table groups with quiet communication. You can decide if you want to allow the use of work bundles or not. These are a nice review opportunity and get the students looking through their work bundles for the answers.

stars stars and the Sun
Revie Review Game
Part 2 stars 2 stars and the Sun
Lesson 10 Lesson 11

# The brightness of a star as seen from ear is the Sun?

called its apparent magnitude. Absolute magnitude is the brightness

all stars are seen at the same dista

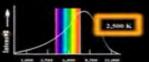
This star is extremely

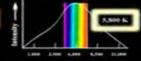
n's clos

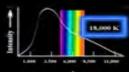
bright but also

 The surface temperature of the sta. determines the color of the star.

– Which star has the hottest surface temperature?







cooler Warmer

Wavelength (A)





Colors are exagerrated

me answer is...



· Why is the sun brighter in the sky than some stars that are much larger than it?



Our close neighbor

Proxima Centauri

93 million miles 147 million km

Away

**Big Difference** 

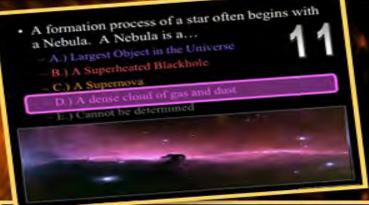
39,900,000,000,000 km away. 4:24 light-years away

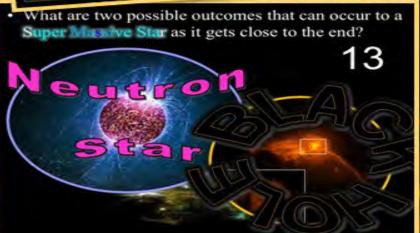
B

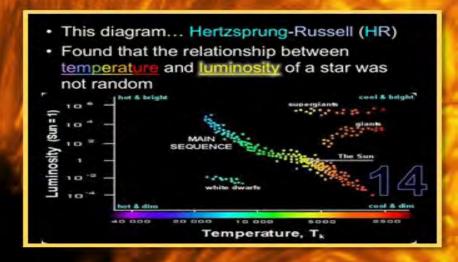
D

Closest star



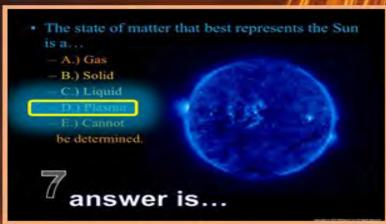






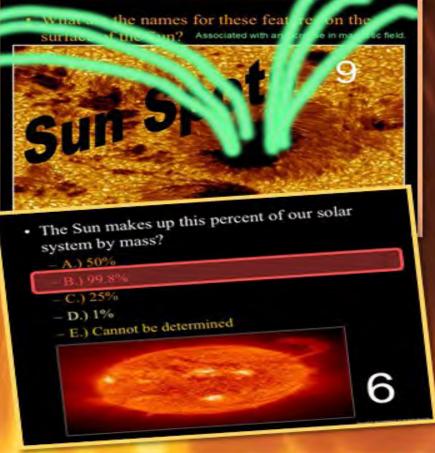


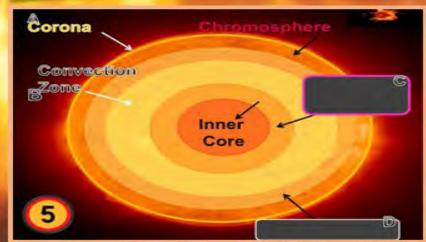


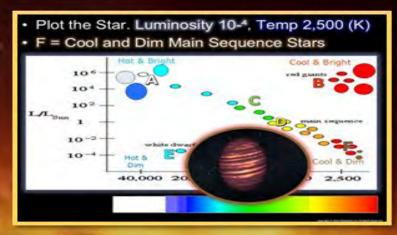


 What are the names of these features circled below?











 What is the name for the shaded region that travels across the surface of the Earth during a solar eclipse?

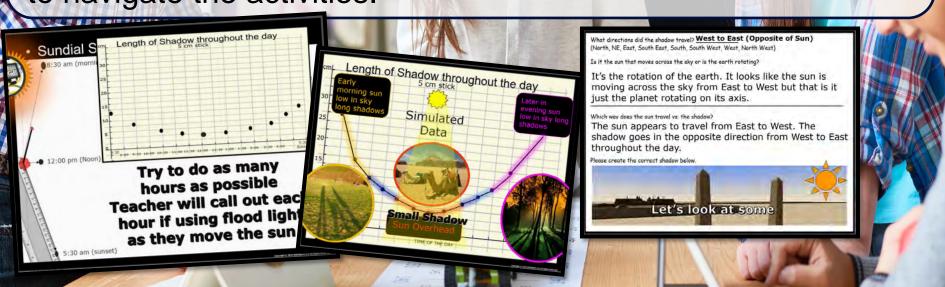






## Activities / Labs

Our science activities are designed to help students explore and understand complex scientific concepts in an engaging and interactive way. Each science unit includes several handson activities that encourage students to collect data and think critically about the world around them. Our easy-to-follow slideshow provides detailed visuals, simple materials, and clear directions, making it easy for both students and teachers to navigate the activities.





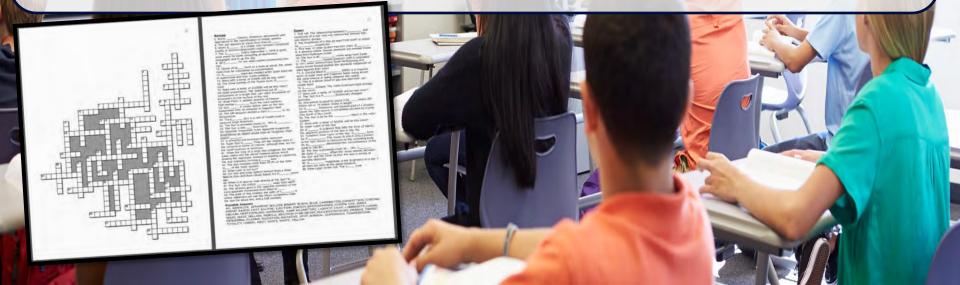
Our science education program is designed with the modern, multimedia learner in mind, and our video links are a perfect complement to our educational materials. These short clips are embedded into the slideshow at just the right places for a fantastic review. Whether you're studying biology, chemistry or physics, our video links are an

excellent way to reinforce your learning.



## Games and Review

Games are a fantastic way for students to learn scientific concepts while having fun. We incorporate a variety of games into our curriculum, including interactive quizzes and puzzles that challenge students to think critically about the material. Our Hidden Box Games are a particularly popular feature, which conclude each unit by revealing a picture related to the topic. Students try to guess what the picture might be, making learning an engaging experience.





The Owl - Each Part of the slideshow has a small clipart Owl hiding somewhere in a slide. The owl is incredibly small and blended into just the right slide. If a student spots the "Owl" they can raise their hand high into the air. When you call upon the student they can say "Owl" and be the student who spotted the Owl. Each PowerPoint Review game also has an owl hiding in it worth one point. Remind the students that they secretly write the word "owl" rather than yell it out during the review games. The Owl search is not included in every lesson. A slide at the beginning of the lesson will alert the students that today is an "Owl' day. Everything arrives editable so delete if you wish. You will find that some students will become the expert owl hunters in the group.

# Google Classroom Compatible

Our digital learning programs are designed for students to learn science in a flexible and engaging environment. Our Google Classroom-compatible units provide a seamless learning experience whether your students are in the classroom or learning from home. Our step-by-step slideshows and student work bundles ensure that students can complete their work independently. The PowerPoint Slideshows and step-by-step work bundles can easily be loaded to your Google Drive and posted in your Google Classroom. These are great for daily lessons, students who need additional time, and for a student who was absent and looking to catch up in their work bundle.





Part 2 Lesson 5 Life Cycle o...
Google Slides



Part 2 Lesson 2 HR Diagram
Google Slides



Part 2 Lesson 1 The Sun Google Slides



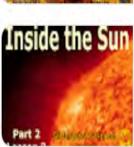
Part 2 Lesson 9 Solar Lunar ...
Google Slides



Part 2 Lesson 10 Review Ga...
Google Slides



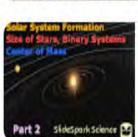
Part 2 Lesson 7 Optional Su... Google Slides



Part 2 Lesson 3 Inside the S...
Google Slides



Part 2 Lesson 4 Solar Flares
Google Slides



Part 2 Lesson 6 Solar Syste...
Google Slides



Part 2 Lesson 8 Shadows Su...
Google Slides



60 Lessons (6<sup>th</sup> -8<sup>th</sup> Medium Difficulty) Part 1 is 6 Lessons and 18 Page Work Bundle, Part 2 is 10 Lessons and 19 Page Work Bundle, Part 3 is 14 Lessons and 19 Page Work Bundle, Part 4 is 9 Lessons and 20 Page Work Bundle, Part 5 is 6 Lessons and 13 Page Work Bundle, Part 6 is 8 Lessons and 17 Page Work Bundle, Part 7 is 9 Lessons and 19 Page Work Bundle

<u>Part 1: Astronomy Unit</u>: Introduction to Astronomy, Copernicus, Heliocentrism, Galileo, Kepler's Laws of Planetary Motion, Ellipse, Perihelion, Aphelion, Orbits, Orbital Velocities, Eccentricity, Calculating Eccentricity, Astronomical Units, Distances in the Solar System, Graphing Planetary Data, Order of the Planets, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess.

Part 2: Astronomy Unit: The Sun, Absolute Magnitude, Apparent Magnitude, Parsec, Stellar Classification / Spectra, Hertzsprung Russell Diagram, Composition of the Sun, Nuclear Synthesis, Layers of the Sun, Solar Flares, Coronal Mass Ejections, Carrington Event, Life Cycle of a Star, Blackhole, Neutron Star, Solar System Formation, Shadows, Sun Dials, Eratosthenes, Graphing Shadow length, Solar Eclipse, Lunar Eclipse, Path of Totality, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

<u>Part 3: Astronomy Unit</u>: The Habitable Zone, Important data about Mercury, Venus, Earth, Venn Diagram of Earth and Venus, Moon Formation Theories, Earth's Axial Tilt, Seasons on Earth, Equinox, Solstice, Earth's EM Field, Aurora borealis, Synchronous Orbit of the moon, Features of the moon, Phases of the Moon (with OREOS), Tides, Neap Tide, Spring Tide, Tidal Cycle, Reading a Tide Chart, Mars, Features on Mars, Moons of Mars, Rover Exploration, Missions Past and Future, End Unit Assessment with Answer Version so Students can Self-Assess

<u>Part 4: Astronomy Unit</u>: Rocketry, Apollo Missions, Parts of the Saturn V Rocket, Apollo Modules, Parts of a Rocket, Water Bottle Rockets, Newton's Laws, Lift, Drag, Thrust, Weight, Law of Gravitation, Einstein and Gravity, Spacetime, Space Shuttle Program, International Space Station, Future in Space, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

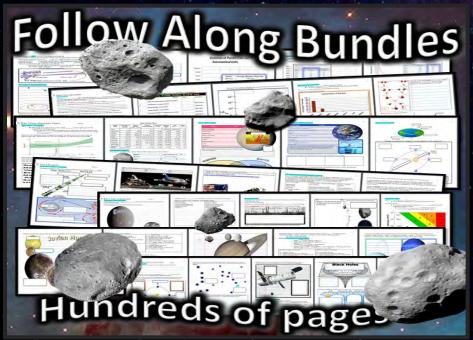
<u>Part 5: Astronomy Unit</u>: Main Asteroid Belt, protoplanet Ceres, Vesta, Meteors, Meteorites, Asteroids, Bolides, Chicxulub Crater, Tunguska Event, Chelyabinsk meteor, Craters, Parts of a Crater, Crater Impact Activity, NEO's, Torino Scale, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

<u>Part 6 Astronomy Unit</u>: The Outer Planets, Gas Giants, Ice Giants, Density of Outer Planets, Jupiter, Red Spot, Composition of Outer Planets, Jovian Moons, Saturn and its Moons, Uranus and its Moons, Neptune and its Moons, The Kuiper Belt, Demotion of Pluto, Oort Cloud, Comets, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

<u>Part 7: Astronomy Unit</u>: Constellations, Hubble Space Telescope, Spitzer Space Telescope, Speed of Light, Nebulas, Types of Nebulas, Galaxy, Type of Galaxies, Gravity, The Special Theory of Relativity, Blackholes, Neutron Stars, Spacetime, Pulsars, Quasars, Exoplanets, Hubble Deep Field, Beyond the Solar System, Black holes, Exoplanets, The Big Bang, Evidence for the Big Bang, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess







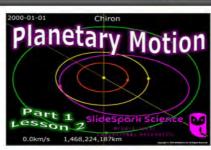


Introduction to Astronomy, Copernicus, Heliocentrism, Galileo, Kepler's Laws of Planetary Motion, Ellipse, Perihelion, Aphelion, Orbits, Orbital Velocities, Eccentricity, Calculating Eccentricity, Astronomical Units, Distances in the Solar System, Graphing Planetary Data, Order of the Planets, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

Part 1: Astronomy Unit

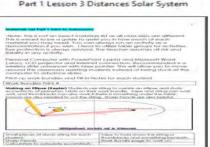


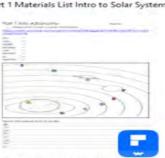
Part 1 Lesson 1 Introduction Kepler



Part 1 Lesson 2 Planetary Motion

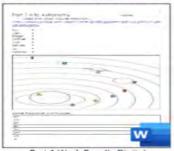






Part 1 Work Bundle Writable po



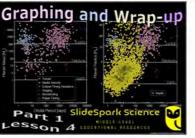


Part 1 Work Bundle Digital





Part 1 Work Bundle Print



Part 1 Lesson 4 Graphing Wrap Up



Part 2: The Sun, Absolute Magnitude, Apparent Magnitude, Parsec, Stellar Classification / Spectra, Hertzsprung Russell Diagram, Composition of the Sun, Nuclear Synthesis, Layers of the Sun, Solar Flares, Coronal Mass Ejections, Carrington Event, Life Cycle of a Star, Blackhole, Neutron Star, Solar System Formation, Shadows, Sun Dials, Eratosthenes, Graphing Shadow length, Solar Eclipse, Lunar Eclipse, Path of Totality, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so Students can Self-Assess

### Part 2: Astronomy Unit











Part 2 Lesson 1 The Sun



Part 2 Lesson 2 HR Diagram



Part 2 Lesson 5 Life Cycle of Stars





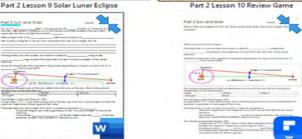




Part 2 Lesson 7 Optional Sun Song



Part 2 Work Bundle Digital



Part 2 Lesson 11 Review Game Answers

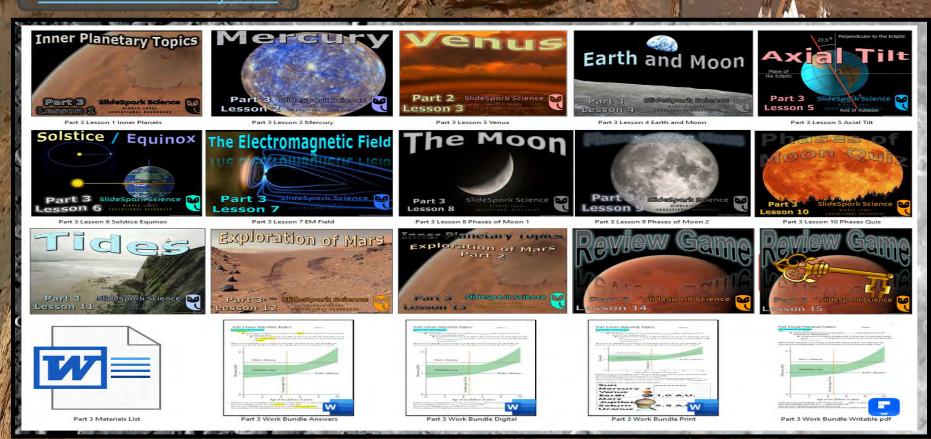
Part 2 Work Bundle Answers

Part 2 Work Bundle Print

Part 2 Work Bundle Writable pdf

Part 3: The Habitable Zone, Important data about Mercury, Venus, Earth, Venn Diagram of Earth and Venus, Moon Formation Theories, Earth's Axial Tilt, Seasons on Earth, Equinox, Solstice, Earth's EM Field, Aurora borealis, Synchronous Orbit of the moon, Features of the moon, Phases of the Moon (with OREOS), Tides, Neap Tide, Spring Tide, Tidal Cycle, Reading a Tide Chart, Mars, Features on Mars, Moons of Mars, Rover Exploration Missions Past and Future

### Part 3: Astronomy Unit



Astronomy Unit Part 4: Rocketry, Apollo Missions, Parts of the Saturn V Rocket, Apollo Modules, Parts of a Rocket, Water Bottle Rockets, Newton's Laws, Lift, Drag, Thrust, Weight, Law of Gravitation, Einstein and Gravity, Spacetime, Space Shuttle Program, International Space Station, Future in Space







Part 4 Lesson 1 Mission to the Moon



Part 4 Lesson 2 Water Rockets Gravity

Newtons 3rd Law of

Motion



Part 4 Lesson 3 Gravity Rocket Built Cont



Part 4 Lesson 4 Space Shuttle ISS



Part 4 Lesson 5 Newtons 1st Law



Part 4 Lesson 6 2nd Law of Motion



Part 4 Materials List Part 4 Work Bundle Answers

Part 4 Lesson 8 Rocketry Wrap Up

Ford 4 Goodstry

Management of the Control of t

Part 4 Work Bundle Digital



Part 4 Lesson 9 Review Game



Part 4 Work Bundle Print



Part 4 Lesson 10 Review Game Answers



Part 4 Work Bundle Writable pdf

Part 5: Main Asteroid Belt, protoplanet Ceres, Vesta, Meteors, Meteorites, Asteroids, Bolides, Chicxulub Crater, Tunguska Event, Chelyabinsk meteor, Craters, Parts of a Crater, Crater Impact Activity, NEO's, Torino Scale,

### Part 5: Astronomy Unit





Part 5 Lesson 2 Tunguska Event















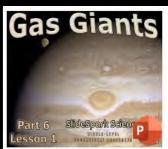
Part 5 Work Bundle Pring





Part 6 of Astronomy Unit: The Outer Planets, Gas Giants, Ice Giants, Density of Outer Planets, Jupiter, Red Spot, Composition of Outer Planets, Jovian Moons, Saturn and its Moons, Uranus and its Moons, Neptune and its Moons, The Kuiper Belt, Demotion of Pluto, Oort Cloud, Comets

### Part 6 Astronomy Unit



Part 6 Lesson 1 Gas Giants



Part 6 Lesson 5 Ice Giants



Part 6 Lesson 9 Space Expo Project



Part 6 Lesson 2 Jupiter



Part 6 Lesson 6 Outer Solar System



Part 6 Work Bundle Answers



Part 6 Lesson 3 Jovian Moons







Part 6 Lesson 4 Saturn





Astronomy Unit Part 7: Constellations, Hubble Space Telescope, Spitzer Space Telescope, Speed of Light, Nebulas, Types of Nebulas, Galaxies , Type of Galaxies, Gravity, The Special Theory of Relativity, Blackholes, Neutron Stars, Spacetime, Pulsars, Quasars, Exoplanets, Hubble Deep Field, Beyond the Solar System, Black holes, Exoplanets, The Big Bang, Evidence for the Big Bang

### Part 7: Astronomy Unit















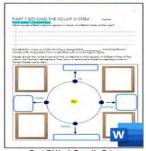








Part 7 Work Bundle Digital



### **Curriculum Guide**

Number of Lessons in each unit (50 min, daily lessons) and difficult rating scale / intended grade level.





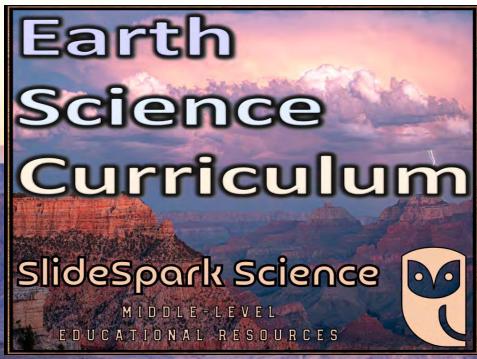
=Easier, | More difficult,

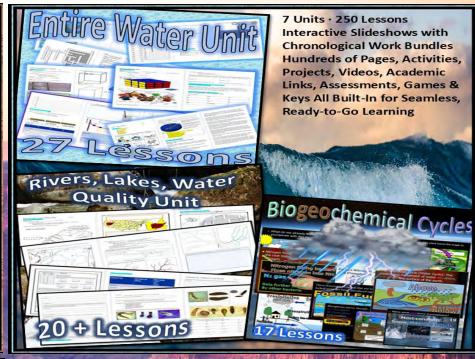


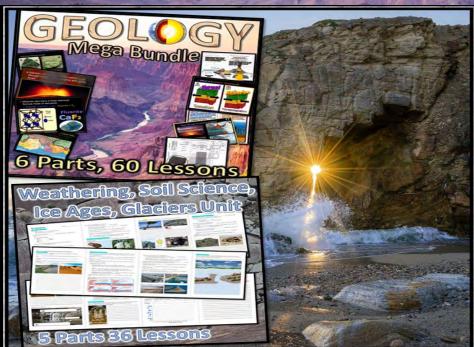
=Most difficult

4.0			
Earth Science Units	Daily	Intended	
	Lessons	Grade	
Geology Topics Unit	60 Lessons	6-8 medium	MORE DIFFICULT
		difficulty	
Weather and Climate Unit	40 Lessons	6-8 medium	MORE
		difficulty	
Astronomy Unit	60 Lessons	6-8 medium	MORE
		difficulty	
Weathering, Soil Sciences	28 Lessons	5-7 easier	EASIEST
Rivers and Water Quality	25 Lessons	5-7 easier	EASIEST
Water Molecule Unit	20 Lessons	5-7 easier	EASIEST
Biogeochemical Cycles Unit	16 Lessons	5-7 easier	EASIEST

Earth Science Curriculum









Life Science Units	Daily Lessons	Intended Grade	
Ecology Feeding Levels Unit	13 Lessons	5-6 easier	EASIEST
Ecology Interactions Unit	30 Lessons	5-6 easier	EASIEST
Ecology Abiotic Factors Unit	13 Lessons	5-6 easier	EASIEST
Botany Unit	50 Lessons	5-7 easier	EASIEST
Evolution and Natural Selection	40 Lessons	5-7 easier	EASIEST
Taxonomy and Classification	50 Lessons	6-8 medium difficulty	MORE
Infectious Diseases Unit	30 Lessons	7-9 more difficult	MORE
DNA and Genetics Unit	42 Lessons	8-10 most difficult	Most Difficult
Human Body Systems Unit	85 Lessons	6-8 medium difficulty	MORE
Cell Biology Unit	30 Lessons	8-10 most difficult	Mest Difficult

### Life Science Curriculum







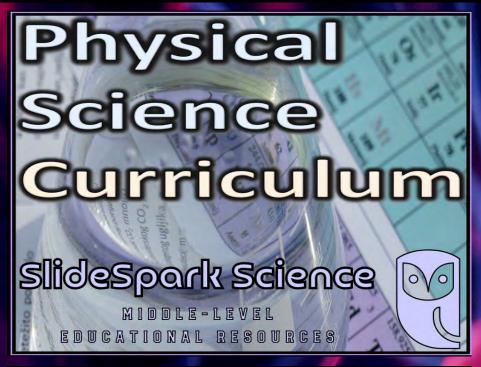


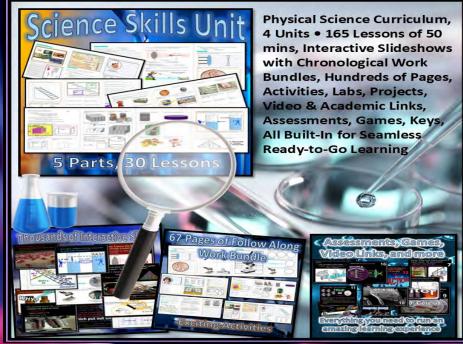
Physical Science	Daily Lessons	Intended Grade	
Laws of Motion and Machines Unit	33 Lessons	8-10 most difficult	Most Difficult
Matter Energy and the Environment	58 Lessons	7-10 medium difficulty	MORE
Atoms and Periodic Table Unit	44 Lessons	8-10 most difficult	Most Difficult
Science Skills Unit	30 Lessons	5-7 medium difficulty	MORE

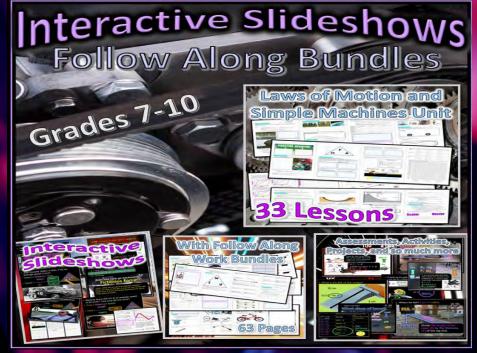
Physical Science Curriculum



Entire SlideSpark Science Curriculum









Dear Valued Educator,

Our fully editable .pptx and .doc resources are perfect for educators looking to bring enthusiasm and creativity to their lessons. We encourage you to make changes to fit your needs and style. As science educators, we're committed to providing students with the tools they need to succeed in the classroom and beyond. Each unit in the curriculum includes a range of resources that have been developed through extensive research and use in a busy classroom. Our teaching approach is designed to make science education engaging and exciting for learners of all ages. We offer a one-of-a-kind science curriculum that will challenge, inspire, and educate students to become tomorrow's scientists and leaders. Join us today and learn more about how our program can help you achieve your classroom goals.

With appreciation,
Support@SlideSpark.net

Thank you for your time and interest in our Science curriculum. We strive to provide students with engaging and informative lessons that will spark their curiosity and encourage scientific exploration. Should you have any questions or concerns, please do not hesitate to contact us. Thank you again for considering our curriculum, and we wish you all the best in your educational journey.

Sincerely,

Support@slidespark.net







## SlideSpark Science

MIDDLE-LEVEL EDUCATIONAL RESOURCES



SlideSpark Science on TpT