Flooding, Levees, Wetlands, Dams, Salmon, More Unit

Preview is a compressed file



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Lessons

- upper Colorado
- Creates slack water
- Blocks sediments

Physical Impacts

No more water flows

Lower Colorado

more money than all other natural disaste combined



 Please set up the following in the tray. Uncap and measure the furthest distance the water

Please name at the three big negative impacts of hydroelectric / dams.

- -Physical Impacts ·Creates slack water
- Chemical Impacts
- Biological Impacts

- river or stream and water spills over all of it.



· Activity! Levee Construction Team

Optional Project?

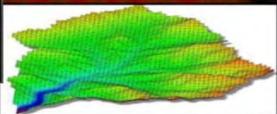




How to make a stream table

Floods are when more precipitation is delivered to a drainage basin then can be

readily absorbed or stored within the basin.



nteractive Slideshows

Generate Power.



 Which is a low, and which is a high head dam?





Activity! Aswan Dam Case Study

The Aswa

 Please answer the questions after reading the handout.



 Artificial levee: An embankment raised to prevent a river from overflowing.



 Write three sentences in the past tense describing how a lock system works.
 Use the animation below to help you.

creation opportunities.



- https://www.youtube.com/watch?v=txt8wUznyJM

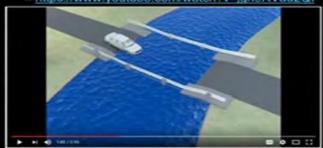


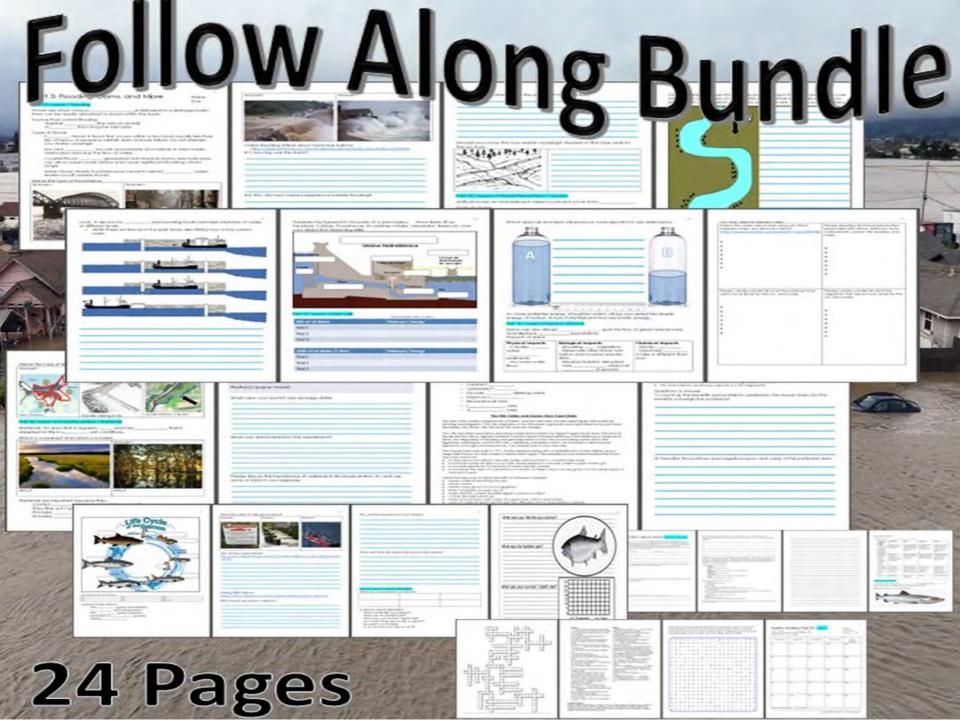
Which of the following below is not true about wetlands?

- A.) Wetlands control flooding by absorbing water like a sponge.
- B.) Wetlands help filter pollution in the water
- C.) Wetlands provide habitat for many anim
- D.) Wetlands Provide recreational opportun



Video. Low water crossing dangers.
 https://www.youtube.com/watch?v=ign9RVau2QI

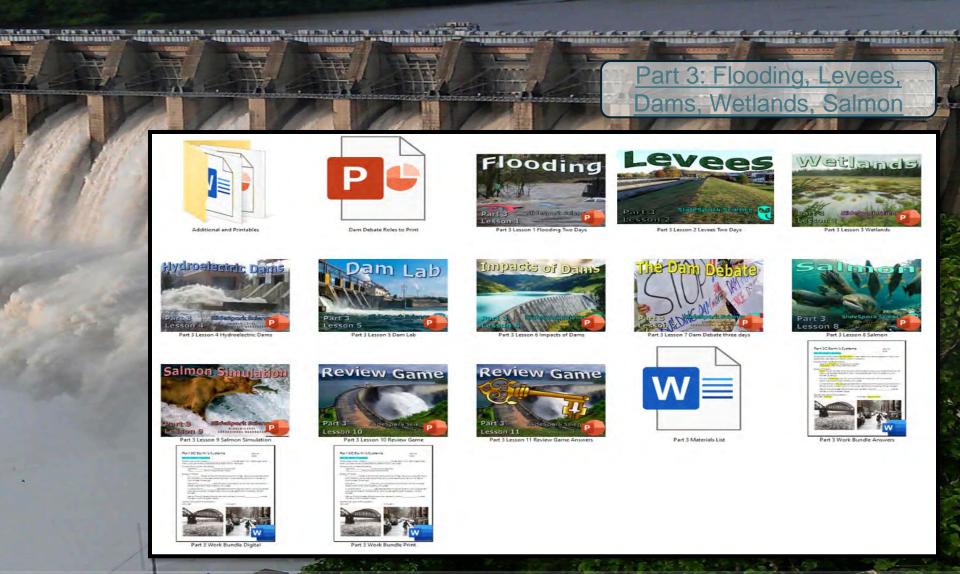




Activities, Assessments, Keys, and more all built-in



Part 3: Flooding, Factors that Control Flooding, Types of Floods, Coastal Floods, Urban Floods, Flash Floods, Ice Jams, Case Study of Hurricane Katrina, Flood Prevention, Levees, Types of Levees, Levee Design Project, Importance of Wetlands, Wetlands vs. Urbanization Activity, Dams, Hydroelectric Dams, Aswan Dam Case Study, Parts of Dam, Locks and how they work, High and Low Head Dams and Activity, Positive and Negatives of Dams, Dam Debate Role Play Project, Salmon, Salmon Life Cycles, Salmon Case Study, Salmon Simulation Activity,



SlideSpark Science

MIDDLE-LEVEL EDUCATIONAL RESOURCES

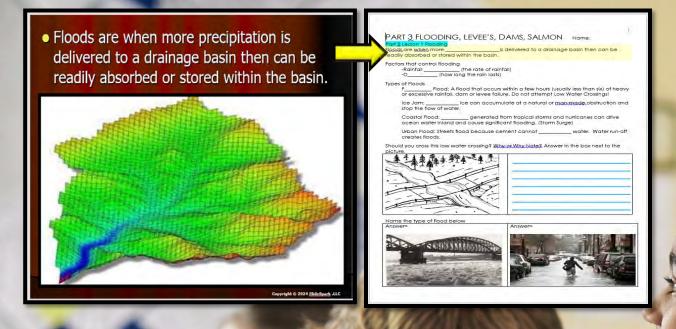


Interactive slideshows provide the roadmap for an amazing learning experience for students in grades 5-9. A Detailed set of work bundles chronologically follow the digital learning, providing a clear and intuitive roadmap to understanding. As the teacher or student advances through a slideshow, exciting 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.



Unit Highlights Dam Debate Role Play Hydroelectric Dam Activity Wetland vs Urbanization Flooding Activity Levee Proposal Project Salmon Simulation



Red Slide Notes: Help students record important information in a fun and easy-to-understand way. Designed red-colored slides contain a few pieces of crucial information that students must record into their work bundle to complete the notes. Students will use these important notes throughout the work bundle.

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.

Label the following as either benefits or problems created; Label the following as either benefits or problems created; Fewer nutrients reaching the sea Lack of nutrients reaching the sea has affected shrimp and sardine Lack of nutrients reaching the sea has affected shrimp and sardine High evaporation losses High evaporation losses The large lake can support a fishing industry The large lake can support a fishing industry Nile Perch was introduced which eats many native fish and is so oily Nile Perch was introduced which eats many native fish and is so oily it doesn't eat well Silt not deposited on flood plains because of flood control requires Silt not deposited on flood plains because of flood control requires fertilizers to be added fertilizers to be added Increase in Bilharzia Disease Increase in Bilharzia Disease

_constructed across a waterway to control the flow or raise the level drinking water

The Nile Valley and Aswan Dam Case Study
The Nile is the words I longest river (6995km) and for centuries has provided Egypt with water
for criticity and rigidion. The Nile originates in the Ethiopian Highlands and is provided Asystem
is those tributaries the White Nile. The Rive Nile and the Albara.

The Nile hat been essential in providing water and nutrients for Egypt's agricultural land. The annual floods led the Nile to deposit nutrients over the land it flooded assisting in the festilistic of crops and land. The irregularity of flooding and growing need on the Nile for providing water led to the Edyptians wanting to control the Nile. A growing negurator led to an of crops and land. The irregularity of flooding and growing need on the Nile for providing water led to the Egyptians wanting to control the Nile. A growing population led to an increase in demand for electricity and agricultural produce. The answer was to dam the Nile.

The Aswan Dam was built in 1971, it was created along with a bustoelectric Power Station The Aswan Liam was puts in 1971, it was created along with a therefore. Power station and a large lake known as take Nasser (named after Egypt's first president) was formed and a large lake known as lake Nasser (named after Egypt's first president) was formed behind the Darm. The Darm was belts:

1 ostaloval five Darm was belts:
1 ostaloval five five the Very Colley and maintain a constant river level.
2 to provide electricity in the form of the provide water in years of drought to increase the stage of cultivation so find two or three crops can be grown on the same place of land each year.

abel the following as either benefits or problems created;
Fewer nutrients reaching the sea

- Fewer crops grown for local Egyptians
- hewer crops grown for local Egyptians
 River navigable all year round
 Hydroelectric power doubles Egypt's previous output
 In time the lake will silf up
- in time the late will six up
 More income from cosh drops of sugarcane, coffon and make
 Lack of nutrients reaching the sea has affected shrimp and sardine catches
- Figh evaporation losses

 The large lake upport of fishing industry

 Nile Perch was invoduced which eats many native fish and is so olly if datased, eat well.

 Sit not deposited on flood plains because of flood control requires fertilizers to be added increase in Bilinaria Disease.

Next Slide

Slideshow suppo Work Bundle

Lesson Planning

Daily lessons space exciting hands-on activities, red slide notes, video and academic links, projects, simulations, readings, built-in guizzes, 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.







Dam Debate Roles to Print



Part 3 Lesson 1 Flooding Two Days



Part 3 Lesson 2 Levees Two Days



Part 3 Lesson 3 Wetlands



Part 3 Lesson 4 Hydroelectric



Part 3 Lesson 5 Dam Lab



Part 3 Lesson 6 Impacts of Dams



Part 3 Lesson 7 Dam Debate three days



Part 3 Lesson 8 Salmon



Part 3 Lesson 9 Salmon Simulation



Part 3 Lesson 10 Review Game



Part 3 Lesson 11 Review Game Answers



Part 3 Materials List



Part 3 Work Bundle Answers



Part 3 Work Bundle Digital



Part 3 Work Bundle Print

Lessons chronologically follow a single work bundle

Follow Along Work Bundle

Each science unit includes a single printable work bundle that stays with students from start to finish. Just print and distribute on day one—no daily handouts needed. The bundle follows the unit chronologically and includes everything: fill-in notes, diagrams, quizzes, lab activities, with follow up questions and much more. It's used daily, supports the end-of-unit quiz game, and is handed in for an additional assessment. Answer keys, some writable .pdf versions, and digital versions are also included for flexible classroom use..



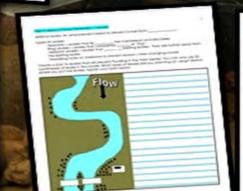
Flooding, Dams, Levees, Impacts

Work Bundle



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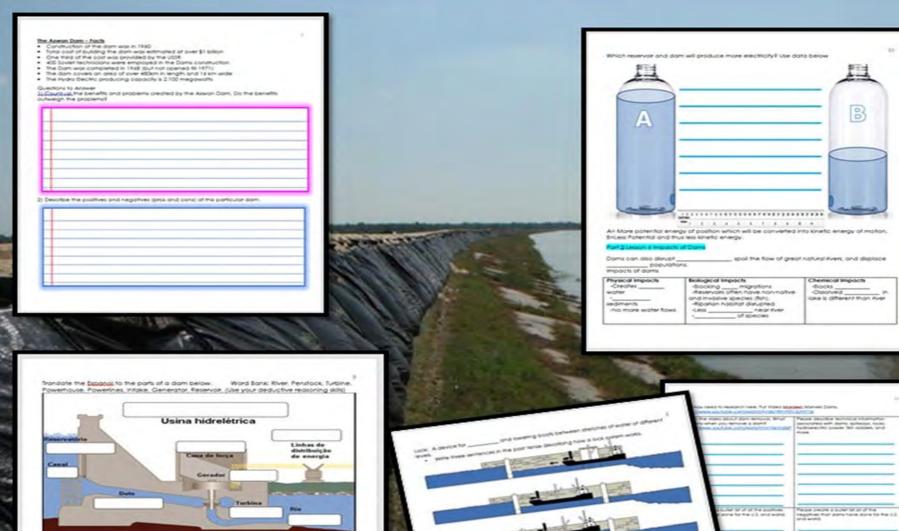










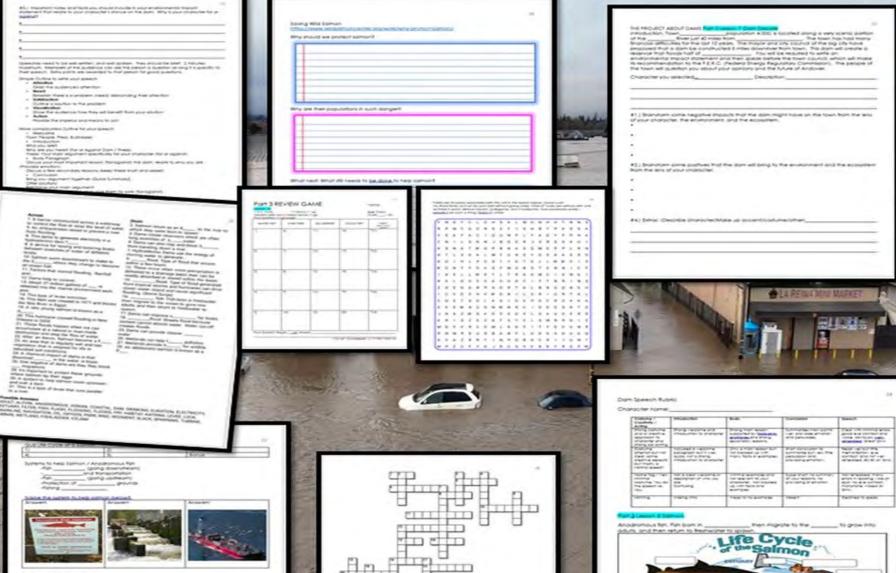


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Trial 2	
Trial 3	

1000 ml of Water (1 liter)	Distance / Energy
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Trial 2	
Trial 3	



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Life Cycle of the Salmon



Numicane Katrina caused widespread flooding in New Orleans, largely due to the failure of the city's levee system, which allowed storm. surge and heavy rainfall to flood 80% of the

Hurricane Katrina displaced hundreds off thousands of people, and resulted in significant economic and social impacts, including job flors, population decline, and folig-term isental health challenges for survivors.

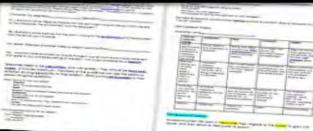






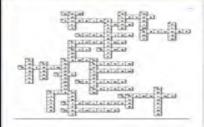


County of the Co Plumicane-Kötrina was a large and gowerful-stores that impacted a large area of the Southern Debted States. Kötrina reached Catalogue's Status in the Gulf of Healto, with sustained winds exceeding 175 mgh (500 tamily). Subject to the finance of the control of the contro (Martinia (Josephi Harel) contraction of the desired production of the desired passes by the contraction of the contractio An other presents are proportion when all the part when the court are part of the court are part of the court are Property of the control of the contr Dark A partie 1000 with through a water or the par-White allows the property of the property of the Asset Court of the Same of Court of the Same the send property of the Same of the Same of the Same of the send of the send of the Same Brist II Personne his Bassima's the control of a con- below. Word flow than Personne United Procedures Forceston, minds the person beam on the control of the description. The Nice Office and Assets Line Code Street The first contract of the party of the party









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Review Games Lassessments

This unit 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.

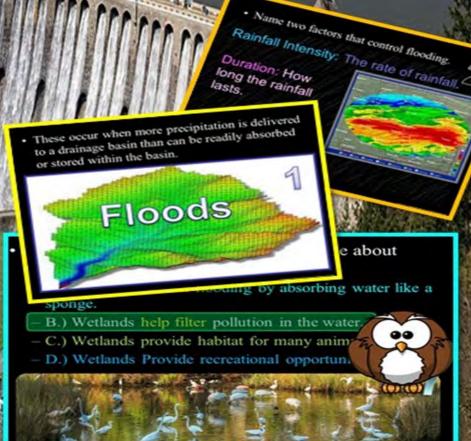


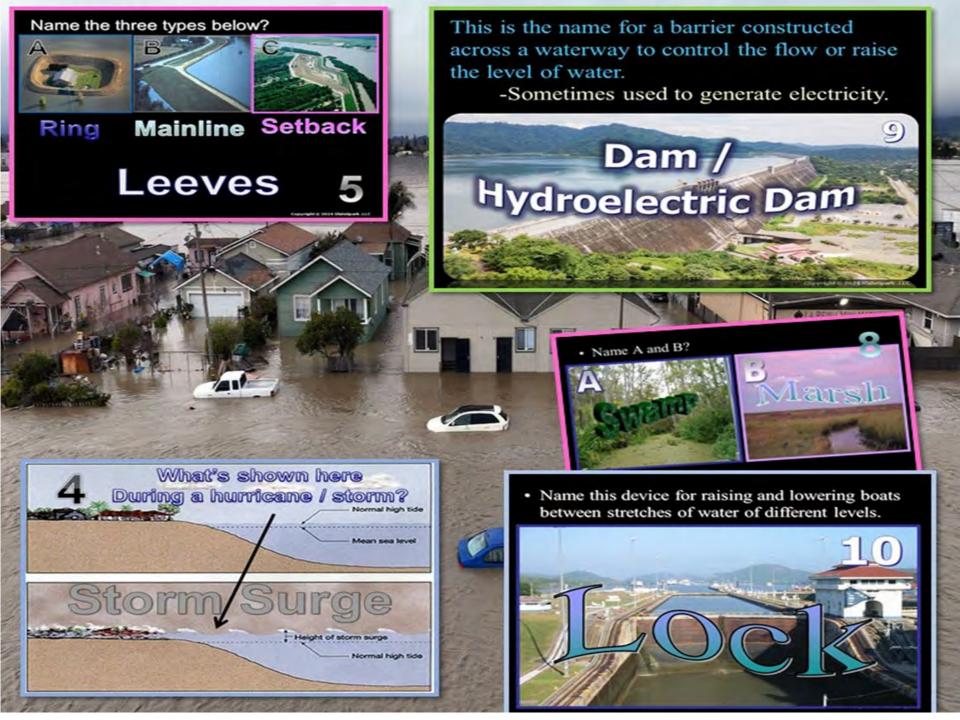
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ATER FEET	KNEE DEEP	BIG BARRIER	FLOODS	WETLAND	Only need 3	ANADROMOUS	POTTER
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	8)	13)	FLASH FLOOD ICE JAM URBAN FLOOD OR	A-SWAMP B=MARSH	RESERVOIR CENERATOR TURBINE	Iganus House on minister promotes for Cross in the Association Section of the Company of the Com	GORTONS FISH STIX
	9)	14]	A) STORM SURGE	9) DAM HYERO	(4) B.) Potential, Kinetic	No! Do No! Cross. Don't drown, go	*24) PEPPERRIDGE FAMES
	7)	14)	5) RING LEVER MAINLINE	DAM 10) LOCK	ALEVEN PARR SMOLT	around 20) (surficione Katrina	*25) ONE FISH TWO FISH RED FISH
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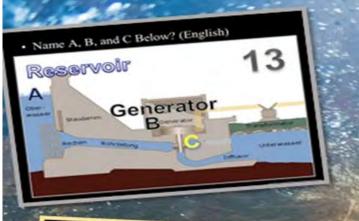












Please name at the three big negative impacts of hydroelectric / dams.

Chemical Impacts

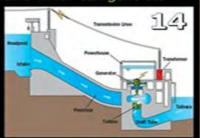
Dissolved oxygen in lake is different than river

•Slocks nutrients

- Physical Impacts
 - ·Creates slack water
 - •Blocks sediments
 - No more water flows
 - Impacts
- Biocking fish migrations
- Reservoirs often have non-native and invasive species (fish).
- •Riparian habitat disrupted
- Less groundwater near river
- Extinction of species

- · The water has potential energy (position), and creates kinetic energy (motion).
 - This motion spins a turbine which can generate electricity.
 - A.) Electricity, Bolt

- C.) Generation, Power
- D.) Flow, Stream
- E.) Diffusor, Staudamm



Please name at least three benefits of hydroelectric / Dams.

Control Floods Generates Power

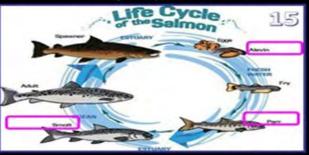
Provides clean drinking water

Improved navigation

Agricultural Uses

Positives 6

· Name the missing life cycles of a salmon:





• You're in a hurry, should you cross this low water crossing?

Please No! 19

Turn around

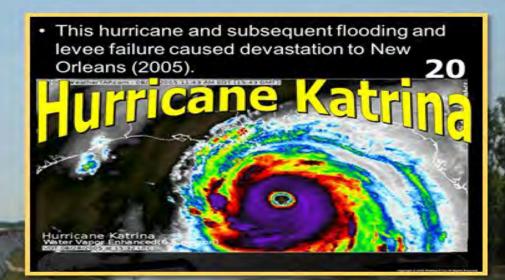
don't drown

This is the name for a type of fish born in freshwater and then migrates to the ocean. The fish grows into an adult, and then returns to freshwater to spawn.

The fish grows into an adult, and then returns to freshwater to spawn.

The fish grows into an adult, and then returns to freshwater to spawn.

The fish grows into an adult, and then returns to freshwater to spawn.

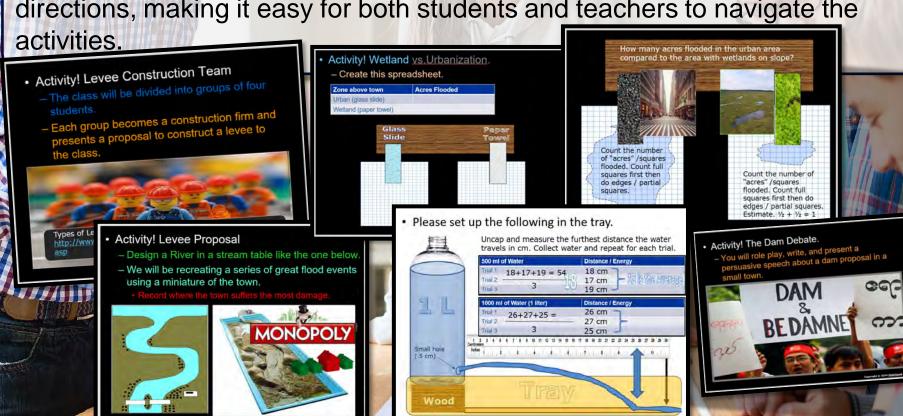


 Name this system to help salmon bypass a dam?



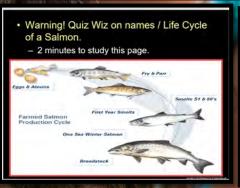
Activities / Labs

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 hands-on 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



Built-in Assessment

Each unit contains several built-in assessment questions that students answer in their work bundle. With the question revealed before the answer, the teacher can easily call on individual students or table groups to respond. These provide an effective and efficient way for teachers to assess student learning.







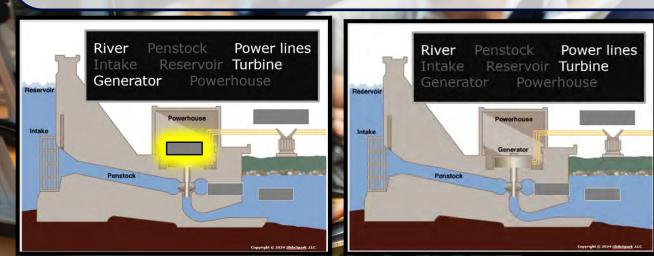
Quiz Life Cycle of a	samon 5	[5]
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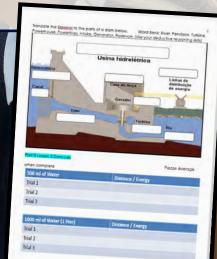
Questions in Work Bundle

t-in Questions and Asse

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.



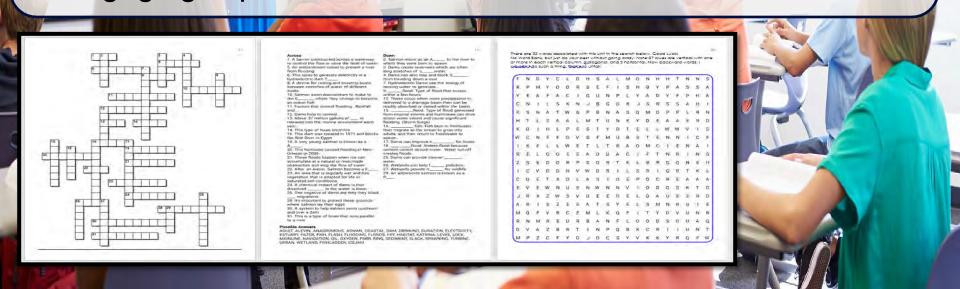


Our science education program is designed with the modern, multimedia learner in mind, and our video links are a perfect complement to our educational materials. These places for a fantastic review. Whether you're studying biology, chemistry or physics, our video links are an



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 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 3 Lesson 6 Impacts of ...
Google Slides



Part 3 Lesson 5 Dam Lab Google Slides



Part 3 Lesson 3 Wetlands
Google Slides



Part 3 Lesson 9 Salmon Si...
Google Slides



Part 3 Lesson 2 Levees Two...
Google Slides



Part 3 Lesson 10 Review Ga...
Google Slides



Part 3 Lesson 4 Hydroelect...
Google Slides



Part 3 Lesson 8 Salmon Google Slides



Part 3 Lesson 7 Dam Debat...

Canala Clidan



28 Lessons (5th-7th Easier) Part 1 is 6 Lessons and 16 Page Work Bundle, Part 2 is 3 Lessons and then a stream study and 16 Page Work Bundle, Part 3 is 11 Lessons and 21 Page Work Bundle.

Part 1: Rivers and Watersheds: Watersheds, Making a Watershed Activity, Major Rivers of the United States, Parts of a River, Stream Order, Erosion, Transport, Deposition, Parts of a River, Headwaters, Downriver, Floodplain, Mouth / Delta, Design a River from the Mtns to the Ocean Class Activity, Meanders, Cutbank, Point bar, Riffles, Oxbow Lakes, Old-channels, Braided Stream, Alluvial Fan, Terraces, Riparian Areas, Importance of Riparian Areas, Stream Table Activity, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so students can Self-Assess

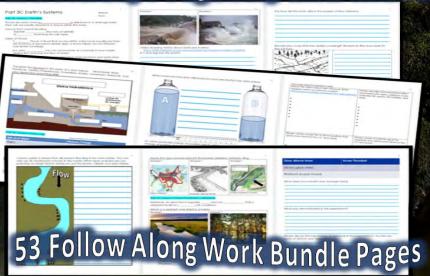
Part 2: Water Quality: Water Quality, Physical Properties of Water, Chemical Properties of Water, Bio-Indicators of Water Quality Physical Properties of Water Quality, Stream Discharge and Data Collection, Chemical Testing of Water Quality Sheet, Biological Testing, Benthic Macroinvertebrates, (EPT richness), Identifying Macros and Collection, Writing a Stream Quality Assessment

Part 3: Flooding, Levees, Dams, Wetlands, Salmon: Flooding, Factors that Control Flooding, Types of Floods, Coastal Floods, Urban Floods, Flash Floods, Ice Jams, Case Study of Hurricane Katrina, Flood Prevention, Levees, Types of Levees, Levee Design Project, Importance of Wetlands, Wetlands vs. Urbanization Activity, Dams, Hydroelectric Dams, Aswan Dam Case Study, Parts of Dam, Locks and how they work, High and Low Head Dams and Activity, Positive and Negatives of Dams, Dam Debate Role Play Project, Salmon, Salmon Life Cycles, Salmon Case Study, Salmon Simulation Activity, Box Game Review, Crossword Puzzle, End Unit Assessment with Answer Version so students can Self-Assess

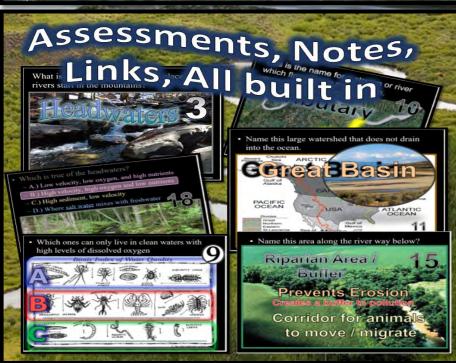
Rivers, Lakes, Water Quality Unit



Work Bundles, Hands-on Activities, Projects, and more



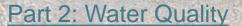




Part 1 Rivers and Watersheds: Watersheds, Making a Watershed Activity, Major Rivers of the United States, Parts of a River, Stream Order, Erosion, Transport, Deposition, Parts of a River, Headwaters, Downriver, Floodplain, Mouth / Delta, Design a River from the Mtns to the Ocean Class Activity, Meanders, Cutbank, Point bar, Riffles, Oxbow Lakes, Old-channels, Braided Stream, Alluvial Fan, Terraces, Riparian Areas, Importance of Riparian Areas, Stream Table Activity



Part 2: Water Quality, Physical Properties of Water, Chemical Properties of Water, Bio-Indicators of Water Quality Physical Properties of Water Quality, Stream Discharge and Data Collection, Chemical Testing of Water Quality Sheet, Biological Testing, Benthic Macroinvertebrates, (EPT richness), Identifying Macros and Collection, Writing a Stream Quality Assessment









Biological Data

Part 2 Sidespark Science 10

Lesson 3

Part 2 Lesson 3 Biological Two Days

Part 2 Lesson 1 Stream Flow

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Part 2 Work Bundle Answers

Part 2 Lesson 2 Chemical Testing

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Please provide as mo Physical Properties	ny examples as positive Biological Properties	Obcut rives
Physical and Chemical Real as to (P) and deday to be also	Dots Shell (And the fire spaces to be recovered covered. Provision Manufa Tests	who prysos mayou other han can you tenthy?
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Part 2 Work Bundle Print

Water Quality Stream Stud

- Finding Stream Flow Data Sheet.
 - Directions included.
 - http://www.mostreamteam.org/Documents/datash. eets/Discharge.pdf



Video tutorial other method (5 minutes). https://www.youtube.com/watch?v=VgsMzfWfboQ



What three properties should be investigated when examining water quality? Physical, Chemical, Biological







liform, bio-indicators EPT's and the PTI Index.



Dissolwed Oxygen (DO) (BOD) Alkalinity Heavy Matais Harrings Hormones

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3	Good	
-	Good	
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	fi	200 Good

- This is a picture of a stonefly (Plecoptera) Class | Benthic Macro-invertebrate.
- False! Mayfly (Ephemeroptera)



Interactive Slideshows

Can you find the one part per million of pollution on the next slide.

Benthic Macroinvertebrates.

Benthic: Living on the bottom Micro-Small Macro: Large







- E- Ephemoptera (Mayfly)
- P. Plecoptera (Stonefly)
- T- Tricoptera (Caddisfly)

- Megaloptera (Hellgrammite) saying their name
- Coleoptera (Waterpenny)
- Gilled Snail

Learn more about benthic macro-invertebrates at... http://www.dep.wv.gov/WWE/getinvolved/sos/Pages/Benthics.aspx

Quiz 1-20 Name that Benthic Macro-

- Invertebrate. The following can tolerate polluted wa
- Worms
- Pouch Snails
- -Leeches
- Midge Larvae



and low dissolved oxygen content. (C

Facultative Vernal Pool Species: Species that can use vernal pools for all or portions of their life cycle, but successfully complete their lifecycles in other water bodies.



Teacher to decide if you can use your sheet.



dry and largely uninhabited for much of the year, until rains arrive and fill it with water; it teems with life again.



The following can tolerate polluted waters and low dissolved oxygen content. (Class III).

- Worms
- Pouch Snails
- -Leeches
- Midge Larvae
- Cranefly Larvae
- Black fly Larvae





- Most of the insects that we see actually live most of their life in the water.
 - They emerge from the water to complete.



Follow Along Bundle

Fart 2 Water Quarty		-	
The project will be of the control o	preview tripoview		
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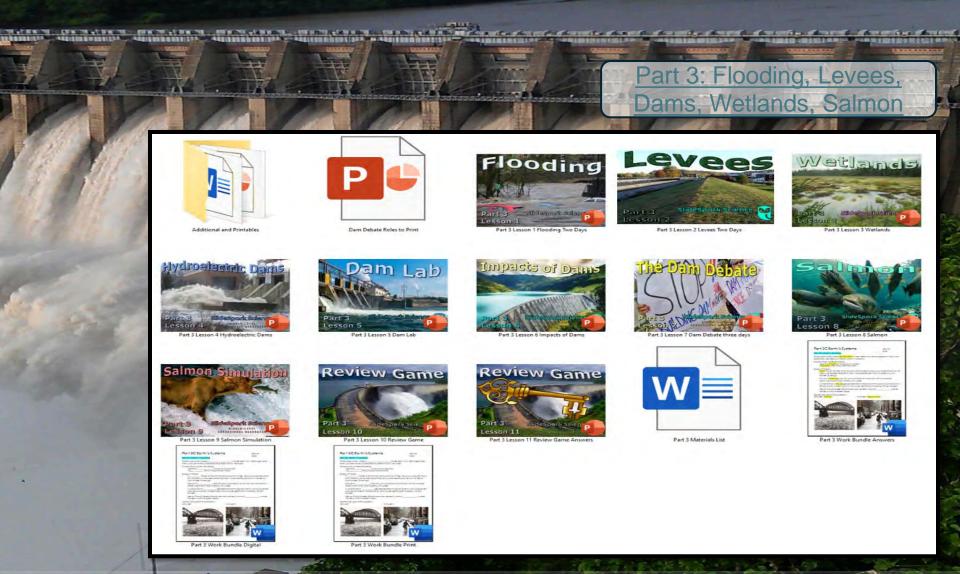




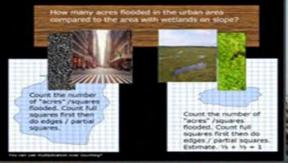
Activities, Assessments, Keys and more all built-in



Part 3: Flooding, Factors that Control Flooding, Types of Floods, Coastal Floods, Urban Floods, Flash Floods, Ice Jams, Case Study of Hurricane Katrina, Flood Prevention, Levees, Types of Levees, Levee Design Project, Importance of Wetlands, Wetlands vs. Urbanization Activity, Dams, Hydroelectric Dams, Aswan Dam Case Study, Parts of Dam, Locks and how they work, High and Low Head Dams and Activity, Positive and Negatives of Dams, Dam Debate Role Play Project, Salmon, Salmon Life Cycles, Salmon Case Study, Salmon Simulation Activity,



Flooding, Levees, Wetlands, Dams, Salmon, More Unit





- Creates slack water
- Blocks sediments
- No more water flows

Lower Colorado

more money than all other natural disaste combined.



· Please set up the following in the tray. Uncap and measure the furthest distance the water

Please name at the three big negative impacts of hydroelectric / dams.

- Physical Impacts

 - •No more water flows
- Chemical Impacts
- Biological Impacts

Low head dam: A dam spanning the entire river or stream and water spills over all of it.



Activity! Levee Construction Team

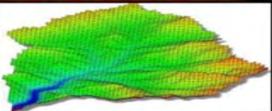
Optional Project?





How to make a stream table

Floods are when more precipitation is delivered to a drainage basin then can be readily absorbed or stored within the basin.



11 Lessons

nteractive Slideshows

Generate Power.



 Which is a low, and which is a high head dam?





Activity! Aswan Dam Case Study

The Aswa

 Please answer the questions after reading the handout.



 Artificial levee: An embankment raised to prevent a river from overflowing.



 Write three sentences in the past tense describing how a lock system works.
 Use the animation below to help you.

creation opportunities.



- https://www.youtube.com/watch?v=txt8wUznyJM

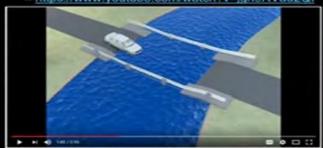


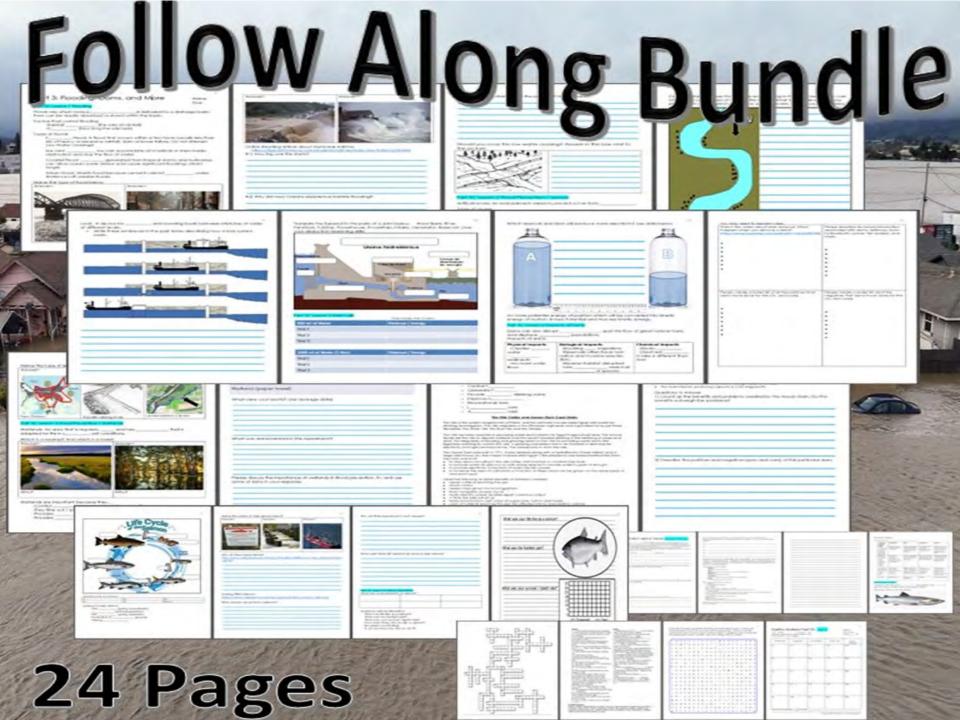
Which of the following below is not true about wetlands?

- A.) Wetlands control flooding by absorbing water like a sponge.
- B.) Wetlands help filter pollution in the water
- C.) Wetlands provide habitat for many anim
- D.) Wetlands Provide recreational opportun



Video. Low water crossing dangers.
 https://www.youtube.com/watch?v=ign9RVau2QI





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



Curriculum Guide

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





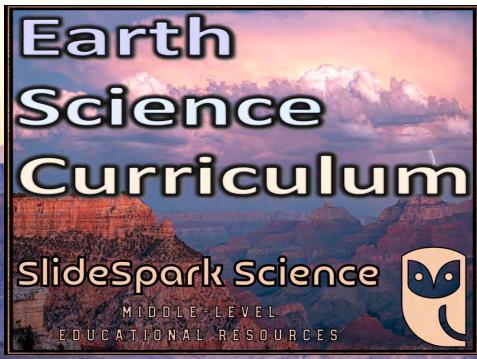
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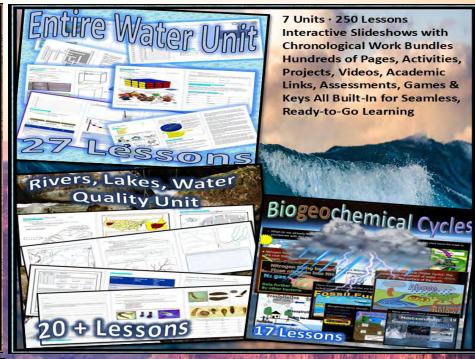


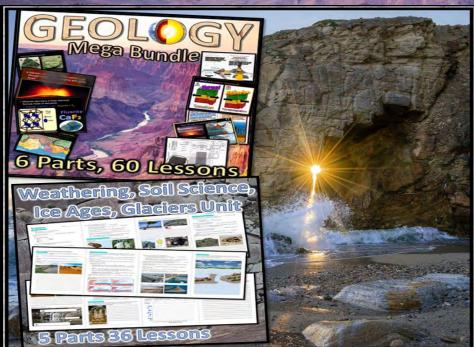
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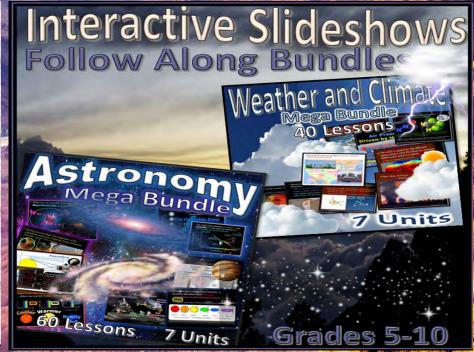
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Earth Science Units	Daily	Intended	
	Lessons	Grade	
Geology Topics Unit	60 Lessons	6-8 medium	MORE DIFFICULT
		difficulty	
Weather and Climate Unit	40 Lessons	6-8 medium	MORE
		difficulty	
Astronomy Unit	60 Lessons	6-8 medium	MORE
		difficulty	
Weathering, 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	Most Difficult

Life Science Curriculum







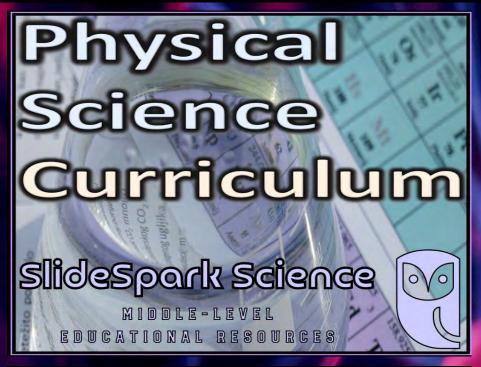


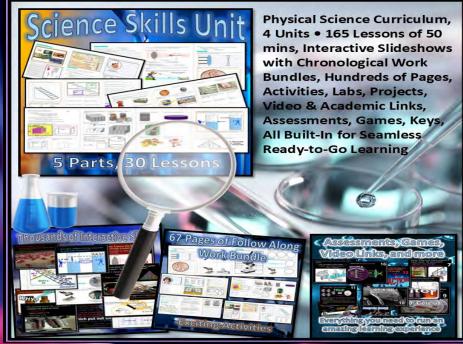
Physical Science	Daily Lessons	Intended Grade	
Laws of Motion and Machines Unit	33 Lessons	8-10 most difficult	Most Difficult
Matter Energy and the Environment	58 Lessons	7-10 medium difficulty	MORE
Atoms and Periodic Table Unit	44 Lessons	8-10 most difficult	Most Difficult
Science Skills Unit	30 Lessons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

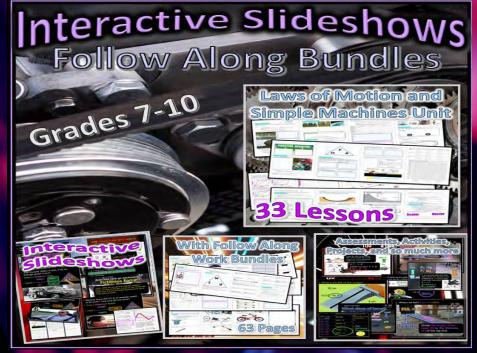
Physical Science Curriculum



Entire SlideSpark Science Curriculum









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