

I'm not robot!







This bundle includes 5 games covering the following topics about Weather and Climate: Water Cycle Atmosphere Climate Climate Change Each escape room game includes 4 different puzzles. As students solve the puzzles, a code is revealed to unlock a document and move forward in the game. Each game takes about 30 minutes to complete – it goes faster when the students have a high level of comprehension of weather vs. climate. Teaching with TechKNOWLEDGE/Students will analyze different situations that are described. Students will decide whether it is an example of weather or climate. This will enable students to understand the difference between the two and see examples of each. See a similar technology based lesson here: Weather vs Climate ASK Siri Fossil Fuels Webquest comes with a PDF webquest with clickable links, a worksheet, and an answer key. Students will use what they learn about fossil fuels to complete the worksheet. Besides sharing the webquest with students and printing the worksheets, no other prep is needed to conduct this lesson on fossil fuel formation, usage, and environmental considerations (including global warming and climate change).How to use this resource:1.) Share the PDF webquest file with clickable links to stPage 10A comprehensive, colorful, and engaging 48-slide PowerPoint presentation exploring the various environmental and socio-economic consequences and effects of global climate change. Clear, objective with easy-to-follow text, explanations, photos, and videos.Climate change topics include: rising sea levels, loss of biodiversity, famine, desertification, and even a colder Europe.Students also learn, however, that there may arguably be a few potential benefits associated with global warming such as inPage 11A comprehensive 40-slide PPT product (with student notes) that introduces all major topics in a typical middle school / early high school unit on the carbon cycle, greenhouse effect, and climate change. Topics include: what is the carbon cycle, carbon sinks, carbon sources, organic processes in the carbon cycle, inorganic processes in the carbon cycle, composition of the atmosphere, greenhouse gases, greenhouse effect, global warming, climate change, indicators of climate change, and environmentPage 12This product features both of my Digital and Printable Weather and Climate Unit Bundle, which covers the following: The Water Cycle, Earth's Atmospheric Layers, Wind, Atmosphere Energy Transfer, and Air Masses and Fronts. WHY GET BOTH?Printable notebook offers students the option to complete their interactive notebook by hand so they can draw, color, and hand-write their responses (helpful for those with limited/no computer access).The digital option offers the same, paper-saving version of thePage 13This PowerPoint Lesson Plan contains a 23 slides on the following topics of Global Climate Change: The Problems, Sea Levels, Sea Level Change Impact, Carbon Dioxide Levels, Warming Trend, Greenhouse Effect, Types and Sources of Air Pollutants, Animals, Plants and Habitats at Risk, More Powerful Tropical Storms, Health Risks, Cleaner Energy Solutions, What actions can we take? My PowerPoint presentations have been made to be both informative on curricular topics and visually stimulating for alPage 14You will love to use these to do your weather study on different types of weather. Included: lightning, thunderstorm, rain, snow, hail, fog, hurricane, tornado, blizzard, heat wave, sleet, monsoon, tsunami, earthquake.Click here to check out over 200 Teach-Go Pennants™KINDLY NOTE: Research is not included in this packet. These are research templates to use with your textbook, books, or websites.INCLUDED PENNANTS PLEASE PREVIEW:Blank Pennant for any other weather typePENNANTS-lightning, thunderstPage 15Aligned to 3rd grade NGSS Earth Science standards, this packet contains math, science, and literacy activities. The topics of the activities are related to weather, weather tools, climate types, severe weather, and weather hazard solutions. All activities here are paperless and are ready to go in Google Slides!What's Included? Literacy Activities (10):Abstract Nouns - move raindrop over the abstract noun in each box, then use 2 of the abstract nouns in original sentencesForm and Use ComparativePage 16This Escape Room resource is perfect for a high school classroom using the Next Generation Science Standards for Earth science. The Escape Room features 10 puzzles for your students to solve. Puzzle topics include the distribution of the sun's energy on earth, the layers of the atmosphere, Earth's biomes, gases in Earth's atmosphere, the Great Oxygenation Event and biodiversity, geologic eras, the carbon cycle, global warming, and biogeology. Even if these aren't your exact topics, this Escape RPage 17This resource includes handouts for five major climate zones (tropical, arid, polar, temperate, and continental). Each handout includes key facts, example locations, maps, and key images. There are also two student worksheets: one is a graphic organizer in which students can take notes on the climate zones, and one is a handout that can be used for students to make a "color-by-number" climate zone map. These resources can be used in a variety of ways, including stations, jigsaw readings, smallPage 18this presentation Lesson Plan has 35 slides on the following topics: The Water Cycle and Climates, The Water (Hydrologic) Cycle, Groundwater, Permeability, Capillarity, Rainfall and Stream Flow, Factors Affecting Stream Flow, Watersheds (Drainage Basin), How Heat Energy Travels, Insolation, Angle of Insolation, Duration of Insolation, Variations in Day Length, Variations of Insolation, Absorption of Insolation, Reflection of Insolation, Terrestrial Radiation, Greenhouse Effect, Insolation TempePage 19No prep necessary! Editable product that includes 20 questions in chronological order. Includes PDF, Word and Digital product (google doc) with Answer Key 26 questions in chronological order including questions to answer during the movie, and reflection/analysis questions that can also serve as discussion questions after the movie. This film highlights the importance themes of consumerism, fossil fuels, climate change, the environment, veganism, meat consumption, recycling, young activism, and mPage 20Teach students about the difference between climate, and weather and how the environment is effected by the climate with this 146 piece Climate, Weather, and The Environment Clip Art Bundle. It includes different sets with multiple pieces such as Clouds- with cirrus, cumulus, altostratus, ; Weather- such as snow, tornado, and a weather map; Climate- climate zones, its affect on people, and animals, and a rain shadow effect diagram; environments and Biomes- such as tundra, rainforest, a biome mapPage 21Fully Editable, Self-Correcting, and CRITICAL THINKING REQUIRED! Assign in Google Classroom!Students analyze and compare 6 graphs related to climate change. Supports NGSS MS-ESS3-5, HS-ESS3-5, and ESS3-4.This activity walks students through 6 graphs related to climate change, including historical and modern temperatures, historical and modern carbon dioxide levels, sea level, and ice mass. Students answer general questions about each graph, as well as questions that make correlations between gPage 22An interactive PowerPoint about location of capital cities and states and territories of Australia. Information on the 3 the main climates within Australia (tropical, dry, temperate) and their location as well as famous landmarks. A fun way to learn about the Australian basics!This product is not editable. There is one page that is editable to allow some extra landmarks to be included. Made for a Year 3 unit of work I completed, but content is suitable for grades 2-4.Included in this Product-Climate Change Unity This bundle includes 6 lessons of about 50 minutes, and 17 page work bundle that has students fill-in critical notes, conduct activities, answer questions, interpret graphs, includes games, and provides opportunities for meaningful movies that diagnosis and offer solutions to climate change. The work bundle chronologically follows the detailed slideshow for an amazing learning experience. This particular slideshow is one of my most detailed as this topic is of special concern to me. A 20 questio!This presentation and worksheet go over how scientists study climate change using pollen and tree rings. Each topic includes data tables to help explain the methods. It also goes over how climate changes are caused by either the changes in earth's orbit, the sun's radiation levels, volcanic eruptions, and continental movement. This is designed for upper elementary and middle school classrooms. Key terms include: climate change pollen tree rings ice age glacial episodes Earth's orbit sun spotsWeather and Climate Bundleby Science Lessons That RockThis bundle includes everything you need to teach about weather! Begin with introducing how air moves and weather fronts and lead into extreme weather events- thunderstorms, tornadoes, hurricanes, and sandstorms. Students will also learn about the layers of the atmosphere and climate patterns. You can check out the previews individually before buying. Be sure to follow my TpT store by clicking on the green "follow me" next to my seller picture to receive notifications of new products and upcominGoogle Slides - Online Learning - Chromebooks - Distance or Classroom LearningLet your students venture out to a field trip to learn about our environment and the importance of protecting our planet using technology! Using 4 digital choice boards, your students will go on virtual field trips and learn about conservation efforts in rainforests, coral reefs, our oceans, and protecting the habitats of our wildlife. The digital choice boards will allow your students the opportunity to explore issueWeather and Climate Sortby This weather and climate cut and paste has students sorting through 16 different mixtures and solutions and their definitions. This product can be differentiated in several ways: 1. Students can sort both the definitions and the different types of weather and climate on a recording sheet. 2. Students can use the recording sheet that already has the definitions and just sort the weather and climate for less of a challenge. 3. Students can use the recording sheet that has all the blanks and writeWeather and Climate WorksheetsIt is a collection of 19 worksheets on Weather and Climate. Perfect review and reinforcement resource of 25 pages in total. All worksheets are given with answer keys. Global Winds Worksheet! stresses on how global wind zones are formed, what are the names and directions of the global winds, why the air has low pressure at equator but high pressure at poles.Coriolis Effect Worksheet stresses on how winds seem to curve due to rotation of the Earth.Sea and Land Breezes Worksheet stresses on whThis is a supplemental package designed to enrich the original Mystery Science lessons. These can also be used as an addition to your own weather + climate unit.Unit- Stormy SkiesLesson Topic- Climate, Geography, + Global Weather PatternsMystery Question- Why Are Some Places Always Hot?This kit includes:3 worksheets1 reading passage1 question set (coincides with reading passage)Digital versions of all materialsVideo tutorial on how to use these 100% digitallyMORE GRADE 3 MYSTERY SCIENCE RESOURCEPredicting Weather and Climate Practiceby This is a homework assignment I created to review climate and weather vocabulary. It also includes several opportunities for students to predict the weather (Texas SE 4.8A) and also includes opportunities to differentiate between weather and climate (Texas SE 5.8A). This could be used as review, homework, a study guide or classroom practice. Includes answer key. Editable document to remove or change anything need based on your classroom.Page 23In this project, students will explore one of the 11 sub-climates of the world: Tropical Wet, Tropical wet and dry, Arid, Semiarid, Marine West Coast, Mediterranean, Humid Subtropical, Humid Continental, Subarctic, Ice Cap, Tundra, and Highlands.Students will work in small groups (I had groups of 3-4) and research one of these climate zones and create a poster to display their findings. The requirements include two climographs using real-world data, a world map showing the locations of their subPage 24This comprehensive unit introduces 5 climates (i.e., Temperate, Tropical, Continental, Dry, Polar) 7 landforms (i.e., Deserts, Mountains, Oceans, Plains, Plateaus, Valleys, Volcanoes)6 Biomes (i.e., Desert, Forest, Freshwater, Marine, Grassland, Tundra)as part of World Geography or Science with Earth's physical features. This module includes interactive notebook activities along with Microsoft PowerPoint slides with some embedded videos that could be used with Google Slides as well. The ZIP filePage 25Bring your earth science lessons to life with these creative resources. This unit covers the differences between climate and weather, wind, precipitation, clouds, lightning, weather fronts, forecasting, meteorology tools, and extreme weather events. This unit contains videos, articles, posters, worksheets, craft templates, and writing templates. Note: Posters can also be used as awesome slides in google classroom.What You Get:Sample Earth Science Lesson Plan ScheduleRecommended projects and actPage 26This NGSS earth science unit includes lesson plans, science notebook prompts/pages, and engaging materials. Third grade students will obtain, evaluate, and communicate information and look for patterns with global climate. It is aligned to NGSS and integrates science and engineering practices, cross-cutting concepts, disciplinary core ideas, and performance expectations.Bring NGSS to your classroom tomorrow!In this unit, students will: •obtain, evaluate, and communicate information (text, map