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c. 1860–1875, photo by Mathew Brady or Levin Handy Mirza Ghulam Ahmad Mikhail Bakunin Søren Kierkegaard Solomon Northup Dred Scott Madam C. J. Walker Claude Monet's Impression, Sunrise (1872) gave the name to Impressionism. Paul Cézanne, self-portrait, 1880–1881 Scott Joplin Niccolò Paganini, c. 1819 Frédéric Chopin, 1838 John D. Rockefeller Timelines of modern history Long nineteenth century 19th century in film 19th century in games 19th-century philosophy Nineteenth-century theatre International relations (1814–1919) List of wars, 1800–1899 Victorian era France in the long nineteenth century History of Spain (1808–1874) History of Russia (1855–1892) Slavery in the United States Timeline of 19th-century Muslim history Timeline of historic inventions ~ Cleveland, William L.; Bunton, Martin (2016). A History of the Modern Middle East. doi:10.4324/9780429495502. ISBN 9780429495502. S2CID 153025861. The 19th century is frequently characterized as a period of tension between forces of continuity and change. The reformers who advocated the adoption of European institutions and technology, have often been portrayed as the progressive elements of society courageously charting the course toward an inevitably Westernized twentieth century. Conversely, the adherents of continuity, who viewed with alarm the dismantling of the Islamic order and sought to preserve tradition and retain the values and ideals that had served Ottoman and Islamic society so well for so long, are sometimes portrayed as nothing but archaic reactionaries. But we should avoid these simplistic characterizations if we are to appreciate the agonizing and dangerous process of transforming an established religious, social and political worldview. ^ "The First Telephone Call". www.americaslibrary.gov. Archived from the original on 2015-10-22. Retrieved 2015-10-25. ^ "Dec. 18, 1878: Let There Be Light — Electric Light". 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Develop and use a model to describe the function of a cell as a whole and ways the parts of cells contribute to the function. Kinesthetic Astronomy: Earth's Rotation Lesson Plan Grade: 3rd-8th Slingshot to the Outer Planets Lesson Plan Grade: 3rd-5th NCSS Performance Expectations: 3-PS2-2. Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. (Grade 3) 4-PS3-1. Use evidence to construct an explanation relating the speed of an object to the energy of that object. (Grade 4) Enjoy sharper detail, more accurate color, lifelike lighting, believable backgrounds, and more with our new model update. Your generated images will be more polished than ever. See What's NewExplore how consumers want to see climate stories told today, and what that means for your visuals.Download Our Latest VisualGPS ReportData-backed trends. Generative AI demos. Answers to your usage rights questions. 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Our original video podcast covers it all—now on demand.Watch Now This third grade lesson plan on planets will serve as an introduction to an entire instructional unit on the components of the solar system. It will give students an overview of the solar system, describing how the sun is in the center, and the planets orbit around the sun, and it will show the students the relative sizes of the planets. The teacher can explain that due to Pluto's very small size, even smaller than Earth's moon, and its distant location at the very edge of the solar system, scientists have decided to change its classification, and have redefined it as a dwarf planet. A Lesson Plan on Planets for 3rd Grade Objectives: Students will be able to identify all eight planets (nine including the dwarf planet Pluto), and will be able to name the planets. Students will become familiar with and observe the relative sizes of the planets. Students will be able to explain that the planets orbit around the sun, which is located in the center of the solar system. Students will be able to list the order of the planets from the sun. Materials - Chart paper and markers -Spherical objects such as balls or fruit corresponding to the relative sizes of the planets. The relative sizes are listed below in millimeters. On the same scale, the sun would be about 1.39 meters (about 4.5 feet) in diameter. Mercury- 4.9 mm small pea Venus- 12.1 mm olive or cherry Earth- 12.7 mm small radish Mars- 6.8 mm large pea Jupiter- 142.8 mm small canteloupe Saturn- 120 mm grapefruit Uranus- 51.2 mm small tangerine Neptune- 48.6 mm apricot Pluto- 2.3 mm sesame seed Procedure: Invite students to share facts that they already know about the planets and the solar system while drawing a diagram of the solar system on the chart paper. Lead the students with questions, such as which planet is closest to the sun, which planet comes next, etc. Discuss the relative sizes of the planets, and show students the fruit models. Explain how the planets orbit around the sun. The closer planets have smaller orbits, and the orbits get larger with increasing distance from the sun. Ask students how long it takes Earth to travel around the sun. (One year, 365 days.) Tell students that since Mercury is the closest planet to the sun, its revolution only takes 88 days, while Neptune takes 165 years, and Pluto takes 248 years to complete one revolution. Ask students what they think the different planets might be like, and why. For example, Mercury is very hot because it is so close to the sun, while the other planets are always very cold. The inner four planets, Mercury, Venus, Earth and Mars, are known as the terrestrial planets because they are rocky. Jupiter, Saturn, Uranus and Neptune are known as the gas giants because they are mainly composed of hydrogen and helium gas, and they are very large. Chose nine stories to come to the front of the room and give one of the objects to each student. Designate an object to be the sun, such as the chart paper. Ask the class which planet is closest to the sun, and have the student holding "Mercury" stand next to the chart. Continue with the rest of the planets in order. Review Questions: At the end of this third grade lesson plan on planets, have a verbal review of the lesson objectives as an observational assessment. What are the names of the eight planets? Which planet is closest to the sun? Which planet is largest? What is the name of the very small, distant dwarf planet? Which planet is farthest from the sun? Which are the terrestrial planets? Which planets are the gas giants? How long does it take Earth to revolve once in its orbit around the sun? Which planets are Earth's nearest neighbors? Resources Windows to the Universe-www.windows.ucar.edu Lunar and Planetary Institute-www.lpi.usra.edu/education/explore/solar_system We live in a remarkable era when we can bring customized learning experiences to our children with the click of a button. IXL Learning offers online educational material that is more than just math drill and spelling practice. As a member of the Homeschool Review Crew, I received a full annual membership to IXL for my daughter. We have access to a wide variety of topics such as Math, Language Arts, Science and Social Studies – even an Intro to Spanish! Practice makes perfect and repetition helps bring about mastery. That's the goal, and that's where IXL can help. With the help of interactive diagnostic exercises, recommendations will be given for your student. 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