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Unformatted Attachment Preview Physical Science CPGizmo - Rock Classification Name: Tiffany Sanchez Date: 4-7-20 Vocabulary: classify, extrusive igneous rock, foliation, fossil, igneous rock, intrusive igneous rock, metamorphic rock, mineral, sedimentary rock, strata, texture Prior Knowledge Questions (Do these BEFORE using the Gizmo.) When you classify objects, you organize them into groups based on common characteristics. 1. What are some different ways you could classify these marbles? Some ways that you can classify these marbles are maybe their colors and shapes inside. 2. What characteristics do you think scientists use to classify rocks? Their shapes and sizes and also positions of grains. Gizmo Warm-up Rocks are classified by how they formed. The three types are: Igneous rocks form from cooling magma or lava. Sedimentary rocks form from the bonding of rock fragments such as sand, silt, or clay; from organic materials; and from chemicals dissolved in water. Metamorphic rocks form when other rocks are changed by heat and pressure. In the Rock Classification Gizmo, you will get to explore these three types of rocks. Think about how each type of rock is for ... Purchase document to see full attachment User generated content is uploaded by users for the purposes of learning and should be used following Studypool's honor code & terms of service. Studypool 4.7 Indeed 4.5 Sitejabber 4.4 Stuck on a study question? Our verified tutors can answer all questions, from basic math to advanced rocket science! Rock Classification Gizmo Quiz Chelsea Times-Marshall Science 7th Grade 90 plays Hard MS-ESS1-4, MS-LS4-1, MS-ESS2-11. MULTIPLE CHOICE QUESTION If you examine a rock sample and observe fossils in it, what type of rock does the sample represent? Fossils are found in several of the types listed above. 2. MULTIPLE CHOICE QUESTION Which of the following is a sample of igneous rock? 3. MULTIPLE CHOICE QUESTION The location marked by the black rectangle is characterized by high temperature and pressure. What rock type would most likely be formed in this location? 4. MULTIPLE CHOICE QUESTION The location marked by the black rectangle is characterized by high temperature and pressure. What rock type would most likely be formed in this location? 5. MULTIPLE CHOICE QUESTION What type of rock is this? 6. MULTIPLE CHOICE QUESTION How do extrusive igneous rocks differ from intrusive igneous rocks? Extrusive rocks are larger in size intrusive rocks break down quicker Extrusive rocks are arranged in layers Intrusive rocks have larger crystals 7. MULTIPLE CHOICE QUESTION Which force plays a major role in the formation of metamorphic rock? 8. MULTIPLE CHOICE QUESTION In the phrase, "Sedimentary rocks are aggregated from bits of rock, plant, and animal remains," what is the best synonym for "aggregated"? 9. MULTIPLE CHOICE QUESTION Place the following events in sequence: A) Mineral grains are formed; B) A volcano erupts; C) Lava begins cooling 10. MULTIPLE CHOICE QUESTION Sedimentary rocks often form horizontal strata. What are strata? Without an account, Gizmos can be viewed for just 5 minutes each per day. To teach with Gizmos: 4.6 stars on Google & Trustpilot (+1000 reviews) 75725 documents were sold in the last 30 days Founded in 2010, the go-to place to buy study notes for 15 years now

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