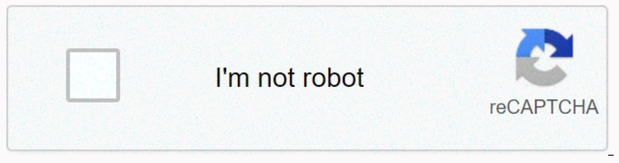


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# Chapter 2 review answers science

Chapter 1 Tectonic plates Chapter 2 Earthquakes and volcanoes Chapter 3 Cones, Eruptions and Pyroclasts Chapter 4 Rocks and Minerals Chapter 5 Prehistoric Earth Chapter 2 Answer Key study guide Summary Answers answers will differ, but could include 3 main ideas from this summary or 1 main idea from each Reading (3). The answers will vary, but they should include 10 crossword terms correctly written with Down and Across hints for each term that are their definitions. The speed of the truck, which went 100 km in 2 hours, could be explained in several ways, including: (a) The truck went 100 km in 2 hours and so went 30 miles in 1 hour or 30 mph; (b) speed = ÷ time, i.e. 60 ÷ 2 = 30 mi/h. Guided Reading 2.1 Distance, Time and Speed 3 constant divided by 4 2.2 Position and speed connected to the located direction 2.3 Motion Graphs data cause-and-effect paper Let's Review Check Your Understanding Reading 2.1 Bat is slow to objects such as cars and planes, but is fast compared to the walking speed of people and insects. If an object moves at a constant speed, the same distance moves every second. A car that drives at 50 km/h moves 50 km per minute every hour. Find out what you're trying to solve the problem for. Identify the data you've been able to identify. Specify the relationships that you must use. Solve the problem. Ramona's 0.5 m/s 70km/h speed is 7.14 m/s. Alec has a speed of 7.5 m/s. Alec's a faster runner. 57.14 mph Reading 2.2 Position is a description of the location of the object. The distance is a measure of how far the object's location has changed. The answers are: Height of the lift The location of the footballer on the playground Location of the hiker who climbs the mountain Negative position may mean that the object is to the left of origin or under origin. It may also mean that the object is west or south of the source. Negative speed means the object moves to the left, down, west, or south. Point A is at (-2, 8). Point B is at (6, 9). Point C is at (6, –3). The coordinates of the cameo are (-2, 3). The mant is 12 metres in 3 seconds, so its speed is 4 m/s. Reading 2.3 Reading 2.3 Reading the number of pupils in school eateries at lunchtime and the number of open milk boxes would show a strong attitude. The number of people in the car and the frequency of the radio station being broadcast would not show a relationship. The manipulative variable is graphene on the x-axis. The response variable is graphed on the y-axis. Time is the exception. Time is always graphed on the x-axis. Look at the graph, the speed of the car was not constant. The graph shows that the car didn't move the same distance every hour. The car traveled 200 miles. It took four hours. The average speed was 52.5 mph. 175 cm/s Connection Strobe light chapter would be useful in inspecting moving machines because the inspector can see moments in time as if it had been stopped.  Activity Activity With a steep slope will speed faster average speed. The partner who finished first will have a faster average speed. If the lines on the graph are straight, then I was moving at a constant speed. Neither of us was moving at a constant rate. The answers will vary. Sample: Jane = 0,89 m/s = 88,9 cm/s; Will = 1,01 m/s = 101 cm/s Chapter 2 Overview Vocabulary Reading 2.1 Reading 2.2 axis origin coordinates coordinates speed positionIng Concepts Reading 2.1 Speed is the distance travelled per unit of time. zero m/s, mph, cm/s Average speed not necessarily 60 mph. The car may have been driving faster or slower than 60 km/h for most of the trip. The formula is v = d ÷ t. Letter v means speed, d means distance, t is time. Reading 2.2 No, the car does not necessarily move the distance to 30 cm. The car might not have started at the source. The answers are: positive positive positive positive positive positive speed is speed with direction. 9 is the value of the vertical axis. (8, –3) blocks Reading 2.3 Answers: Strong relationship weak relationship Identify responsive and manipulated variables. Specify a scale for each wasm. Mark the axes. Plot points and connect them to a smooth curve. Graph title. The time is graphed on the x-axis and the position is on the y-axis. The graph has a quiet slope. B Mathematics and writing skills Reading 2.1 1. 4 km/h 2. 20 km/h 3. 340 m/s Reading 2.2 4 m/s Answers: (5, 10) meters (5, 2) meters (10, 4) meters (–1, 4) meters Answers: See graph. Armadillo is 5 meters east of the starting position. Armadillo is 2 meters north of the starting position. Reading 2.3 Answers: Mass is a manipulated variable. Speed is a response variable. There is a weak link between variables. Answers: 4 m 8 m 2 m/s Yes, walk at constant speed. The graph has a quiet slope. It rises by six feet every second. Answers: The answers are: The graph shows that the person initially skated slowly and ended up at a fast speed. Test practice Project Sample test: Criteria Excellent Good Needs some improvement Needs a lot of improvement-ment Your score Data are clearly organized 4 3 2 1 Calculations are correct 4 3 2 1 Full work is shown For calculations 0 4 3 2 1 Pre-administration and its comparison with the results shall be made clear 4 3 2 1 Common appearance 4 3 2 1 Vokabular sections of Chapter 2 of the section 1 u group. Monday, October 17, 2016 1) Science Slice - Video Field Trip2) Go back and discuss Chapter 1 After tests3) Insert chapter 24) Sorting the words 2.1 I can define matter, chemistry and substance. Tuesday, October 18, 2016 1) Science Slice2) Finish Vocab Sort Presentations 3) Read or Listen Section 2.1 & Complete 2.1 WS4) Get WS Initialed by Teacher5) Check WS Answers Done Early? Review of Vocab Online Work on Vodnik Preberite AR Lahko opišem dve vrsti lastnosti snovi. Sreda, 19 Oktober 2016 1) Science Slice - Watch video belowORGet včerajšnji delovni list, ki ga je začetni učitelj, nato preverite svoje odgovore2) Kaj je mešanica? Discover Activity Pg 343) Učitelj-led 2.1 PREZI 4) Classwork: 1st hour: Pg 43 #1a & Complete 1 page poster of Physical & Chemical Properties2nd -4th hours: Pg 43 #1all & Complete 1 page poster of Physical & Chemical Properties I can compare and contrast a heterogeno in homogeno mešanico. Četrtek, Oktober 20, 2016 1) Science Slice - watch video below2) Check Classwork3) 2.1 Powerpoint with Notes4) Classwork:1st hour: Pg 43 # 2a, 2b, 3a2. čas: Pg 43 #2all, 3all 3rd & 4th hour: Pg 43 #2a, 3b I can demonstrate my current understand of 2.1 vocabulary and concepts. Petek, 21. oktober 2016 1) Science Slice2) Podajte nazaj papirje3) Kaj je na testu od 2.1? Take Notes4) POP Kviz več kot 2.1 Lahko razločim med čisto snovjo in mešanicoIN lahko prepoznam element, atom, spojino in molekulo iz definicij in slik. Ponedeljek, 24. oktober 2016S g. Newkirkom 1) Science Slice 2) Dejavnost spletne strani (prinesite slušalke) Lahko definiram gostoto. Torek, 25. oktober 2016 1) Science Slice2) Preberi ali poslušaj 2.23) Končano 2.2. WS4) Get WS inicializirati, nato preverite odgovore5) Nanospace lahko razloči med čisto snovjo in mešanicoIN lahko prepoznam element, atom, spojino in molekulo od definicij in slik. Sreda, 26. oktober 2016 Lahko pojasnim velikost atoma. Četrtek, 27 Oktober 2016 1) Science Slice 2) Watch Just how small is a Atom? video below3) 2.2 Powerpoint4) Classwork:1st hour: Pg 48 #s 1all, 2a, 3a, 42. čas: Pg 48 #s 2a, 2c, 3b, 3c3rd hour: Pg 48 #2c, 3all4th hour: Pg 48 #3b, 3c I can calculate the volume and density of an object. Petek, 28 oktober , 2016 1) Science Slice 2) Check CW3) Math Skills WS on Density4) Classwork: Key Terms Worksheet (USE AS A STUDY GUIDE FOR QUIZ TUESDAY) I can explain the difference between Mass & Weight.Monday, October 31, 2016 I can demonstrate my current understanding of 2.1 and 2.2 vokabular. Torek, 1. november 2016 Lahko zbiram podatke za ugotavljanje veljavnosti hipoteze in analizo teh podatkov. Sreda, 2. november, 2016 1) Science Slice2) Pass back and discuss Key Terms Quiz3) Prepare for Thursday's Density LabLab Groups/PartnersRead LabWatch VideoTake NotesDevelop HypothesisExplain Complein of Data TableDiscuss Extra CreditClick here to view lab online4) Study Guide Or Quizlet I can collect data to determine the validity of the hypothesis and analyze that data. Četrtek, 3. november 2016 GOSTOTA LABClick tukaj za ogled laboratorija na spletu Lahko pojasnim razliko med fizičnimi in kemičnimi spremembami. Lahko primerjam in kontrast fizikalne in kemične spremembe v snovi. Petek, 4. november 2016 KONEC MP 1 can compare and contrast physical and chemical changes in the substance. Monday, November 7, 2016 1) Science SliceQuestions about Lab - due Tuesday2) Correct CW3) Read or Listen to 2.34) Complete 2.3 WS5) Get WS5 initialed, then check answers5) Nanospace or Quizlet I can explain the difference between thermal energy and temperature. Tuesday, November 8, 2016 TURN IN DENSITY LAB1) No Science Slice (check WS, turn in lab)2) 2.3 PPT(1st hour only - What is a Chemical Reaction?) 3) Physical Change VS Chemical Change Frayer Diagram4) Classwork: 1st hour: Pg 55 #s 2a, 3a, 3b2nd - 3rd hours: None: None: Pg 55 #2c I can describe changes in matter as related changes in energy. Wednesday, November 9, 2016 I can identify and explain some forms of energy associated with changes in the case. Thursday, November 10, 2016 & Friday, November 11, 2016 I can explain how chemical energy is associated with chemical changes. Monday, November 14, 2016 1) Science Slice 2) Check CW2) Read/Listen to 2.43) Complete 2.4 WS4) Get 2.4 WS4 initialed when done5) Check 2.4 WS6) Study Guide or Quizlet I can explain the difference between chemical and physical properties and changes AND changes AND all types of energy associated with changes in matter. Wednesday, November 16, 2016 1) Science Slice2)Video & 2.4 Notes3) Class likes: 1st time: Pg 61 #1b, 2a, 2b2. time: Pg 61 1b, 2b, 2c3rd hour: Pg 61 1c, 2b, 2c Yes I can tell you all the concepts from Chapter 2 i vokabular. Thursday, November 17, 2016 1)Check CW 2) Play Review Games I can explain all chapter 2 concepts and vocabulary. Friday, November 18, 2016 1) 10 minutes study time 2) Take Chapter 2 Test Monday, November 21, 2016 1) Science Slices2) Final Test 3) Science Video Tuesday, November 22, 2016 1/2 Day for Students (published u 11:39)1) No Science Slice2) Finish Student Essay from yesterday Student EssaySubmit a one or two paragraph (one paragraph is least three complete sentences) explaining your thoughts regarding the information following:1. How do chemical changes cause danger to humans? 2. Why is it important for people to learn about chemical changes?3. Who should be responsible for regulating how chemicals are transported and stored? This essay can be submitted online on the right or in writing and in the cart. DEADLINE FOR TUESDAY 11/22 11/22