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This website uses cookies to improve your experience. We'll assume you're fine with it, but you can opt-out if you want. Accept more units of study. Unit 1: Scientific Investigation Skills and Career Exploration Sep 1 – Course Introduction and Scientific Career Brainstorming Homework. With your parents, please read the letter sent home by Mrs. Wheeler about the Grade 9 Science Course. Once you and your parents have both signed down, please separate the signature part and return it to Mrs Wheeler tomorrow. Sept. 2 – Using scientific model (black box activity) HW. Complete your diagram of a possible model for your black box before tomorrow so that tomorrow we can start building our model in class. Sept. 3 – Using scientific models (Black box activity released) Sept. 4 – Brainstorming Science Careers Sept. 8 – Spinning Billings Experiment HW. Read this website about Canada Firsts Canada Firsts. Answer the following questions on looseleaf using discoveries and inventions made by Canadians and then full sentences. To hand in yesterday: 1 a) Did Canada start in order to broadcast national television signals? b) In which year it was launched? 2. a) In which year standard time was invented? b) What is the purpose of standard time? 3. a) What is a beam? b) What qualities make it special? c) In which year it was discovered? 4. What was the Canadian first discovery by a female scientist? b) Name of scientist. c) In which year did he discover? Sept. 9 – Spinning Billings Experiment (Released) HW. Canadian scientists for each of these Canadian scientists (Frederick Banting, Alexander Graham Bell, David Suzuki) and a person of their choice from the list, list the following information using full sentences: a) Birthdate (and death date if no longer) b) degree held (or the name of the degree – click here to name the name that each acronym matches). c) Explanation of discovery/invention/work for which they are famous (in your own words) Sept. 10 – Spinning Billings Evaluation HW. Sept. 10 to 11 – Assembly Sept. 14 – Understanding and finding the science homework assigned to creating graphs in HW. Terrestrial biomes do title internet research and provide a 2 or 3 sentence description (in your own words) for each of the following biomes: a) Desert, b) prairie forest, c) coniferous forest, d) tundra, e) tropical rainforest, f) grasslands biotopy (ecology) September 15 – Ecosystems and Biomes Sep. 16 – Terrestrial Biomes HW. Aquatic biomes provide a 2 or 3 sentence description (in your own words) for each of the following biomes you can read about biomes on this site: a) pond b) streams and rivers c) wetlands d) Ocean e) Coral Reefs f) Estuary Sept 17 – Aquatic Biomes HW. Complete the following chart using links in grassland and rainforest charts: Biome temperature (high, low) rainfall (Yoga, Pattern) Plant Life (3-5 Animals (3-5 examples) biomes (places, other names, Record.) Write 3 interesting facts about grasslands rainforest September 18 – The World's Terrestrial Biome Map Sept. 21 – Fall Equinox Sept. 22 – Food Chain and Webs HW. Trout/Salmon Effect on Food Web The following diagram is a food web for a small river in the Pacific Northwest US. To use the food web above To answer this question on the loose in full sentence form: What will happen to other species in the food web if trout and all salmon explain what will happen to these fish as well as the species consumed by these fishes (think – population size). Sept. 23 – Tropic level HW. Tropic level. Use the following food web to answer the questions below: 1. Write as many different food chains (single way) as you can find in this food web. 2. Create a chart to list producers, primary consumers, secondary consumers, tertiary consumers, chitless consumers, etc. (as we did in today's notes). 3. Highlight all of the food chain in its north for #1, which has both terrestrial and aquatic species. Sept. 24 – Energy in the food chain HW. Study notes on looseleaf in order to make notes to study for tomorrow's quiz. Use your class notes and links on this website to create your study notes. Be handed over with your quiz. Your study notes should be divided into 4 sections on a sheet of looseleaf (each section should be half of one side of your sheet) – Keyword Definitions - Key Concepts - Diagrams/Sections 25 – Eco Quiz – Open Book Sept 28 – Human and Wolf Populations Introduction of HW. The Value of Wolves Using Handout from Today's Classroom, choose 1 of 3 perspectives on what should have been done about wolves in Yellowstone National Park. Use information from today's video, handout and your own internet research to write a 1 page report that supports the approach you choose. (For a list of useful websites for this assignment, click here: September 29 – Carrying Ability and Limiting Factors HW. St. Matthew Island Handout For this article Read. For location map of St. Matthew's Island, click here. a) Write a summary of the story mentioned in this article using a maximum of 5 sentences. b) Explain which limiting factors St. Matthew's reindeer population is going over the ability to move first, and then led to those that lead to the regeneration of the population. Sept. 30 – homework Catch-up de HW. Catch on any overdue homework Oct. 1 – Photosynthesis, cellular respiration, and carbon cycle HW. Carbon cycle first, watch these 2 videos about photosynthesis, and answer the following questions about photosynthesis in full sentence form on looseleaf: 1. Describe photosynthesis in your own words. 2. How does photosynthesis benefit a plant? 3. Describe 2 ways to benefit animals (including humans) from photosynthesis plants. 4. Explain where, in the plant, photosynthesis occurs. 5. Write chemical equations for photosynthesis; ...

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