CAFÉ’ ESR: Experience Science Restaurant ($40 minimum)

Complete each lesson in totality based on teacher recommendation and judgment by week’s end including at least one appetizer, one entrée, and one dessert

Appetizers:

-Read a scientific current event and write a review and summary $5

-Review an inquiry science lesson (linked to the weebly site) detailing the topic covered (at least 10 sent) $5

-create a thinking map comparing and contrasting two endangered animals $5

-create a lesson based on a 5th grade topic to teach to an upcoming 4th grader $5

-watch an episode of Cosmos: A Spacetime Odyssey or any other television show of scientific nature (Bill Nye

or Mythbusters ) based upon Science and not science fiction and write a review about it’s validity $5

-compare and contrast the inherited traits of 2 animals

Entrees:

-complete a comic strip reviewing a topic covered this year of at least 10 panels $15

-create a model of a basic marine food web including **floating organisms (plankton), swimming organisms, and**

**organisms living on the ocean floor.** Label the animals and draw the arrows in the food web. Explain what would

happen if the plankton died. Project is neatly completed. $22

-complete a model of basic grassland food web, including producers, decomposers and tertiary consumers $20

-complete a lesson to prove that sound exists to a person that cannot hear (this lesson must provide proof of the

energy found in sound waves) $15

-complete a mobile using a hanger with a picture of at least 10 endangered animals and accompanying facts for

each animal $12

-complete the mixtures and solutions foldable correctly (available upon request) $12

-complete a lesson using a Google document proving the force of magnetism without using a magnet $14

-complete an experiment using a terrarium OR aquarium that attempts to be positive to all inhabitants $16

-OR create a terrarium/aquarium that contains both land and aquatic plants and animals $28

-complete a biome in a shoe box: must include at least 3 animals, 3 plants and climate representation $23

-write a review on at least 5 inquiry science lessons (linked to the weebly site) of at least 5 sentences each $15

-write and perform an experiment (including information and photos) over the effects of thermal

 energy on the state of matter $18

-complete an analysis of the advantages and disadvantages of each alternative energy type (must include

compelling arguments for and against each type of energy) $21

-create a video explaining and demonstrating both chemical and physical weathering as it occurs in nature $19

-create a shoebox biome using string to show the flow of a food chain using the sun, a producer, a primary

consumer, a secondary consumer, a tertiary consumer, and a decomposer $21

-create an 8 slide Keynote showing pictures of the 8 planets and 3 facts about each $12

-create a poster showing the 9 steps of the 5th Grade Water Cycle $9

-build, write out an explanation, and present a model of a water filtration device that could filter

 playground water to make it potable $21

-create a model of one of the 5 types of alternative energy and write out an explanation of how

 the energy is converted into electricity $12

-using a shoebox, create a 3-D representation of the Solar System with facts about each planet $16

Desserts:

-create a thinking map comparing and contrasting two inquiry science lessons (linked on the weebly site) $5

-create a Google doc presentation based on an inquiry science lesson (including pictures) $5

-build a paper maché model of the Earth and demonstrate rotation $5

-draw a detailed life cycle of a plant or animal showing the steps and explaining each $5

-using play-doh and a clear cup, demonstrate the formation of sedimentary rock $5

**Enjoy as many desserts and appetizers needed to reach your $40 minimum**