**VIRTUAL SCIENCE PALOOZA SUPPLY LIST GRADES K-3rd**

**LESSON 1: FROGS AND TOADS**

Materials for child: cup, glue, green/brown/black construction paper, scissors,1 bag per child (children to collect the following supplies from their yard BEFORE camp such as leaves, small rocks, small pieces for bark, pine tags, etc.)

**LESSON 2: OH DOMINOS!**

Materials for child: 20-30 dominoes (students may use additional dominos they have at home)

**LESSON 3: GEODES AND CRYSTALS**

Materials needed by child: 1 popsicle stick, scissors, yarn, 1 pipe cleaner, Borax, 1 large Styrofoam cup

**LESSON 4: CONSTELLATIONS**

Materials needed by the child: toothpicks, Play-doh

**LESSON 5: DINO EGGS**

Materials needed by the child: Model Magic/air dry clay or Play-Doh, salt, cup of sand or dirt, small plastic dinosaur or other small plastic animal, bowl

**LESSON 6: BIRD NESTS AND FEEDER**

Materials needed by the child: bird nest materials to be collected by the student before class (pine needles, grass, string, Play-doh/clay (optional), small sticks, toothpicks, dental floss), 2 paper plates/plate, toilet paper roll, string, any type lard or peanut/nut butter, cheerios/seeds/bird seed mix, knife

**LESSON 7: JELLYFISH**

Materials needed by the child: 1 empty, clear water bottle, 1 Ziploc bag, 1 rubber band, food coloring, scissors, 1 balloon

**LESSON 8: CHEMICAL REACTIONS**

Materials needed by the child: 1 mixing bowl, spoon or chopstick to stir, 1 cup of flour (measured before class and put in a cup/bowl), 1 cup of baking soda (measured before class and put in a cup/bowl), ¼ cup of oil (measured before class and put in a cup), food coloring, 1/3 cup of vinegar (measure before class and put into a bowl), pennies, spoon, a dash of salt, eyedropper, 1 Ziploc bag

**LESSON 9: COLOR RAINBOW**

Materials needed the child: 1 clear jar or cup, food coloring, water, shaving cream, the colors of the rainbow markers or crayons, 1 sheet of blank paper, tape, a picture of a rainbow from the internet or photograph

**LESSON 10: LET’S GO SPELUNKING!**

Materials needed by the child: clay, sugar cubes, paper plate

**LESSON 11: CORAL REEFS**

Materials: 1 bag of radiatore pasta, Play-Doh or clay, markers, 1 paper plate per child, 1 sheet of foam per child, pipe cleaners, scissors, 1 sheet of tag board per child, glue, tissue paper, 1 box top per child, sand, shells, other shapes of pasta, toothpicks

**LESSON 12: LAVA LAMP**

Materials needed by the child: 1 clear plastic water bottle with lid, water, oil, food coloring, cup and fizzing tablet such as Alka Seltzer (optional)

**LESSON 13: MINI BIOMES**

Materials needed by the child: 1 jar or container per child with lid, small gravel, grass/radish seeds, small amount of soil, 1 paper bag, baking sheet (to prevent a mess)

**LESSON 14: MOON**

Materials needed by the child: 1 container of Play-doh, 2 paper plates, 1 ping pong ball, 1 marble, 3 cups of cornstarch, 1 ½ cups of water, 6 cups of fine play sand, baking sheet, 1 moon phase dial printable, scissors, 1 brass fastener

**LESSON 15: EARTH**

Materials needed by the child: pie pan, construction paper or plain paper cut to fit the bottom of the pie pan before camp, glue, scissors, markers, small ball, 2 paper plates per child, wax paper, glue, blue, green, white tissue paper sheets or squares, 1 Earth template print out, scissors, pencils, markers, hole punch, string