

**SAFETY CONTRACT FOR CONDUCTING REMOTE HANDS ON ACTIVITIES AND LABORATORY ACTIVITIES INVOLVING USE OF HAZARDOUS MATERIALS/TOOLS AT HOME**

Course Name: \_\_\_\_\_

Teacher Name: \_\_\_\_\_

**You/Your child has been assigned to conduct a hands-on activity/experiment at home. It involves use of materials and/or tools that are hazardous if not used properly in accordance with the safety rules and procedures described below. Please carefully review the description of the activity, the materials that will be used and the safety rules and procedures that must be followed. If you have any questions regarding this assignment, please contact the teacher listed above. A responsible adult must be present while this assignment is conducted.**

DESCRIPTION OF ACTIVITY:

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MATERIALS/TOOLS TO BE USED: (check off those that apply and include the specific information)

Heating appliance: \_\_\_\_\_

Acidic/alkaline materials: \_\_\_\_\_

Sharp instrument: \_\_\_\_\_

## SAFETY RULES AND PROCEDURES:

**The following rules and procedures must be followed when conducting the activity described above at home.**

1. Follow all instructions that you have been provided with carefully. If you do not understand what you are expected to do, ask your teacher before proceeding.
2. Conduct yourself in a responsible manner whenever you are doing a science activity.
3. Review these rules and the assigned activity with your parent. You may not conduct this activity unless your parent or another responsible adult whom your parent has designated is present and monitors you.
4. Keep the area where you are working neat and clean. Be sure to clean up thoroughly at the end of the activity.
5. Know where the safety equipment - e.g. a fire extinguisher or a sink with running water that can be used to wash your face, hands, and equipment - is located in your home.
6. **If the assigned activity involves heating, only a microwave, stove, oven, or electrically-powered heating appliance (e.g. electric kettle, toaster oven) may be used. Please note that you may not heat anything with an open flame at home. While a gas oven can be used you may not use the top of the gas stove for heating given the dangers of the open flame.**
7. If using an electrical appliance, make sure your hands are dry before removing an electric plug from a socket. Report any damaged electrical equipment, including, frayed wires and loose connections, to your parent or another responsible adult.
8. **If the assigned activity involves using acidic or alkaline substances (e.g. lemon juice, vinegar, baking soda):**
  - You may only use substances that are used in daily cooking and cleaning.
  - Acidic or alkaline substances with a pH of less than 2 or more than 11 (e.g. commercial acids, drain de-clogging products) cannot be used for at-home activities.
9. **If the assigned activity involves using sharp items such as knives or scissors:**
  - Always carry knives or sharp objects with the tips and points in a downward position.
  - Always hold any sharp instrument by the handle, rather than the blade, and cut in a direction away from your body.

- **Let any sharp instrument that falls off the table, fall to the floor. Do not try and catch it.**

10. Long hair, hanging jewelry, and loose or baggy clothing are hazardous during hands-on activities and experiments. Long hair must be tied back. Hanging jewelry and loose clothing must be secured.

11. Handle all containers carefully, and use containers made of plastic or other non-breakable materials whenever possible. Handle containers made of a breakable material such as glass or ceramic with extra care to prevent them being dropped. If a container does break, clean it up as quickly as possible using a dustpan and broom – do not handle broken pieces of glass or ceramic with your hands. Do not use any containers that are chipped, cracked, or damaged in any way.

#### STUDENT

I have read and agree to follow all of the above-noted safety rules and procedures when I conduct the assigned activity described above. I agree to follow my teacher's directions. I have reviewed these rules and procedures with my parent. I agree that I will not conduct this assignment unless my parent or another responsible adult whom my parent designates is present to monitor me.

I am aware that failure to follow these rules is dangerous and may result in my being barred from engaging in future laboratory investigations during this period of remote and/or blended learning.

Student Name (please print or type) \_\_\_\_\_

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

#### PARENT

My signature indicates that I give permission for my child to conduct the assigned activity described above. I have read the description of the project, the safety rules and procedures that must be followed, and reviewed them with my child. I understand that my child cannot conduct this activity unless I or a responsible adult whom I designate is present to monitor my child. I understand that it is my responsibility to ensure that I or another responsible adult whom I designate monitor my child while they are when conducting this activity.

Parent Name (please print or type): \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Date \_\_\_\_\_