

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

## METHODS – Control Group (対照群)

Put the instructions (指示) **in order** from **1** to **9**.

\_\_\_\_\_ Hold the container with the egg with **both hands** above the newspaper.

\_\_\_\_\_ Put the lid on the container **tightly**.

\_\_\_\_\_ You will need two desks, newspaper, one container with a lid, one egg, and a water bottle.

\_\_\_\_\_ Check on the egg. If the egg *broke*, write your group number on the **Yes** side of the board. If your egg *did not break*, write your group number on the **No** side of the board.

\_\_\_\_\_ **Carefully** fill the container with water until the egg is **covered** with water.

\_\_\_\_\_ Shake the container **back and forth** for 30 seconds. You can shake it **hard**!

\_\_\_\_\_ To clean up, bring the container with the egg, the water bottle, and the newspaper to the front of the room.

\_\_\_\_\_ Take off the lid and put the egg inside the container.

\_\_\_\_\_ Place newspaper on top of two desks that have been pushed together.

What will be **different** in the **experimental group** (実験グループ)? What will we **change**?

\_\_\_\_\_  
\_\_\_\_\_

**Let's write a hypothesis!** What do you think will happen?

We think \_\_\_\_\_

\_\_\_\_\_

because \_\_\_\_\_

\_\_\_\_\_

## Experimental Group

- First, you will need two desks, newspaper, one container with a lid, and one egg.
- Place newspaper on top of two desks that have been pushed together.
- Take off the lid and put the egg inside the container.
- Carefully** fill the container up with water until the egg is covered with **water**.
- Put the lid on the container **tightly**.
- Hold the container with **both hands** above the newspaper.
- Shake the container **back and forth** for 30 seconds. You can shake it **hard!**
- Check on the egg. If the egg *broke*, write your group number on the **Yes** side of the board. If your egg *did not break*, write your group number on the **No** side of the board.
- To clean up, bring the container with the egg and the newspaper to the front of the room.

## Experimental Group

- First, you will need two desks, newspaper, one container with a lid, and one egg.
- Place newspaper on top of two desks that have been pushed together.
- Take off the lid and put the egg inside the container.
- Put the lid on the container **tightly**.
- Hold the container with **both hands** above the newspaper.
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- To clean up, bring the container with the egg and the newspaper to the front of the room.