

CORMMS Method Worksheet

Overview of the CORMMSS Method

C **Change:** What is the independent variable that you will change in the experiment?

O **Organism:** What organism(s) will you use, and why?

R **Repeat:** How will you ensure your results are reliable? (Repeating experiments)

M **Measure:** What dependent variable will you measure?

M **Measure:** How will you measure it? Include specific details.

S **Same:** What variables will you keep the same to ensure a fair test?

S **Same:** Any other significant factors to keep consistent.



Name: _____

Date: _____

Instructions:

Use the CORMMSS method to plan the following experiments. Fill in the table for each experiment to ensure all variables are properly considered.

Experiment 1:

Investigating the Effect of Light Intensity on the Growth of Tomato Plants

CORMMSS Method

Change (What will you change?)

Organism (What organism will you use?)

Repeat (How will you ensure reliability?)

Measure (What will you measure?)

Measure (How will you measure it?)

Same (What will you keep the same?)

Same (What else will you keep the same?)

Name: _____

Date: _____

Experiment 2:

Investigating the Effect of Salt Concentration on the Rate of Osmosis in Potato Strips

CORMMSS Method

Change (What will you change?)

Organism (What organism will you use?)

Repeat (How will you ensure reliability?)

Measure (What will you measure?)

Measure (How will you measure it?)

Same (What will you keep the same?)

Same (What else will you keep the same?)

Name: _____

Date: _____

Experiment 3:
Investigating the Effect of Different Types of Water on the Rate of Rusting

CORMMSS Method

Change (What will you change?)

Organism (What organism will you use?)

Repeat (How will you ensure reliability?)

Measure (What will you measure?)

Measure (How will you measure it?)

Same (What will you keep the same?)

Same (What else will you keep the same?)