

Name \_\_\_\_\_ Date \_\_\_\_\_



## *What Is the Effect of Rice on a Microcosm? Thinksheet*



**Begin with a Question:** *What is the effect of rice on a microcosm?*

**Think It Through:** What I know about...

Microcosms

Rice

Microcosms	Rice

**Hypothesis:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_



*What Is the Effect of Rice on a Microcosm?*  
**Thinksheet**  
(continued)



**Design a Test:** The following variables help to make this a fair experiment.

<i>Control</i> (applies to both microcosms)	<i>Treatment</i> (applies only to the treatment microcosm)
--pond water from the same pond --same amount of soil --same amount of plants --same size containers	-- Rice was added in order to observe its effect on a microcosm.

**Design a Test:** Two similar microcosms are created. Eight grains of rice are added to one of the microcosms (the treatment) to observe their effect on the microcosm ecosystem. The Venn Diagram Data Sheet is used to record observations every two to three days for a period of up to two weeks.

**Do an Experiment:** Use the Venn Diagram Data Sheet for writing observations.

**Make Some Sense of It:**

1) Review your Thinksheet and Data Sheet(s).

2) Complete this sentence: I accept/reject (circle one) my original

hypothesis because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Use your Data Sheet for support.)

3) Write a new hypothesis.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Name \_\_\_\_\_ Date \_\_\_\_\_

Student  
Pages

# What Is the Effect of Rice on a Microcosm? Venn Diagram Data Sheet

Control Microcosm

Treatment Microcosm

