



EGYPTIAN AMERICAN INTERNATIONAL SCHOOL
Member of EEDP
EGYPTIAN EDUCATION DEVELOPMENT PROJECTS

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Elementary Science Department

SEMESTER 1 GRADE 3

Lab sheet 7.1



Name: _____

Date: _____

Class: _____

Grade 3, Unit 7, Lesson 1

Weather in a Box

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Directed Inquiry

20 minutes

Groups of three

Objective

- Follow directions for an investigation to observe condensation in a terrarium.

Inquiry Skills

- Observe
- Infer
- Communicate

Observation	Water drops are formed on the walls of the terrarium
Conclusion	Water evaporated from the soil and plants (liquid water into gas) and then this water vapor changed into water droplets on the cold surface of the cup (condensation).

The water cycle occurs as water evaporates and condenses. How can you model the water cycle? Use this investigation to find out.

Materials

soil
metric ruler
clear, square plastic container
with lid
packet of bean seeds
water
spray bottle

Follow This Procedure

- 1 To build a terrarium, put about 3 cm of soil in the clear plastic container.
- 2 Plant the seeds. Follow the instructions on the seed package.
- 3 Spray the soil until it is moist. Close the lid of the container. Label it with your name.
- 4 Place the terrarium next to a sunny window or under a lamp. Observe your terrarium for several days. Write down all the changes you see.

Analyze Your Results

- 5 Did condensation occur in the terrarium? How do you know?
- 6 How is condensation in the terrarium like condensation in the water cycle?