

# **Illustrated Instructions**

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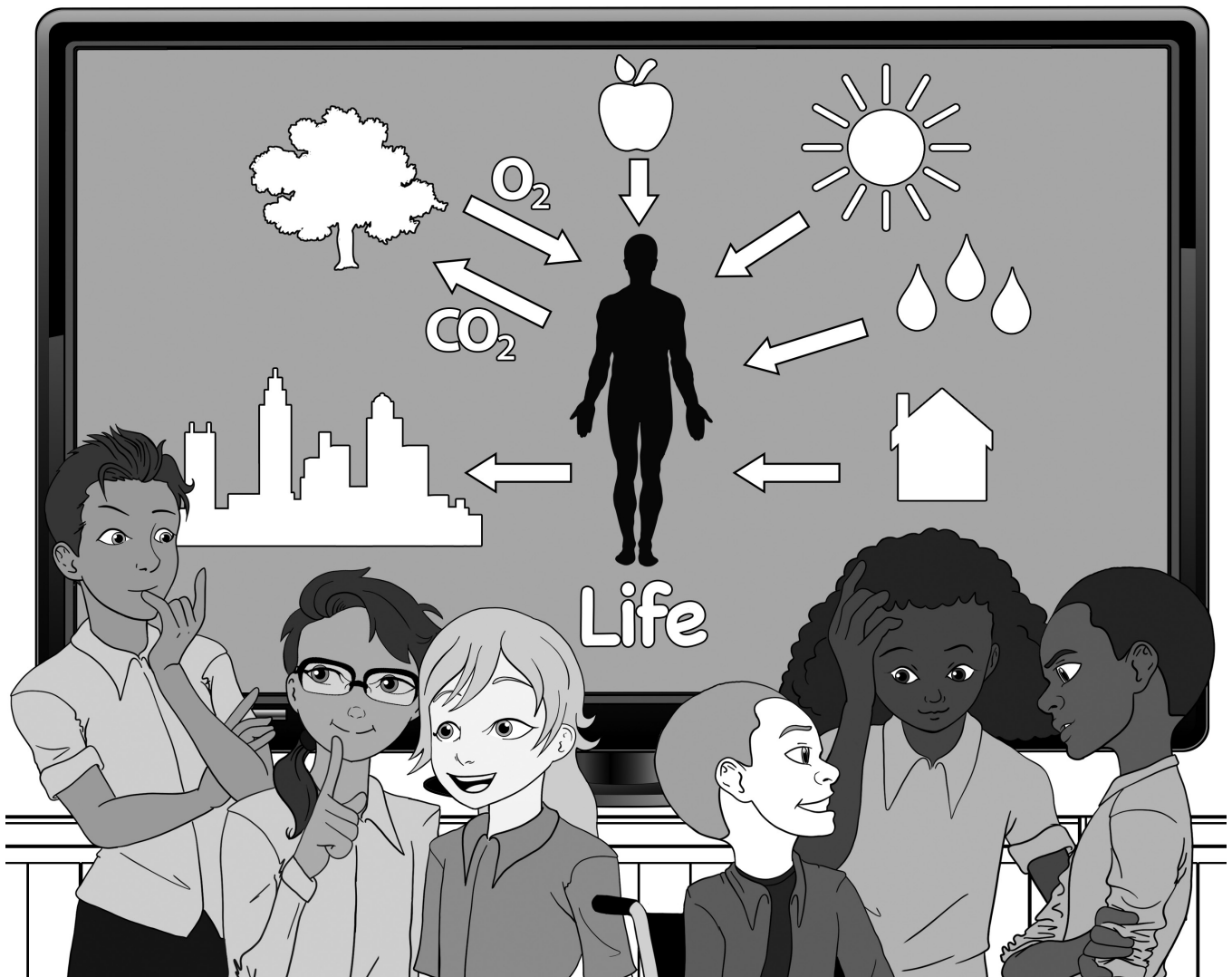
## **Nurturing Life**

**Illustrations by Kevan Mills**



## Image 1: Think and Discuss

- "What is a scientist?"
- "What is biology?"
- "What is astrobiology?"



## Image 2: Think and Discuss

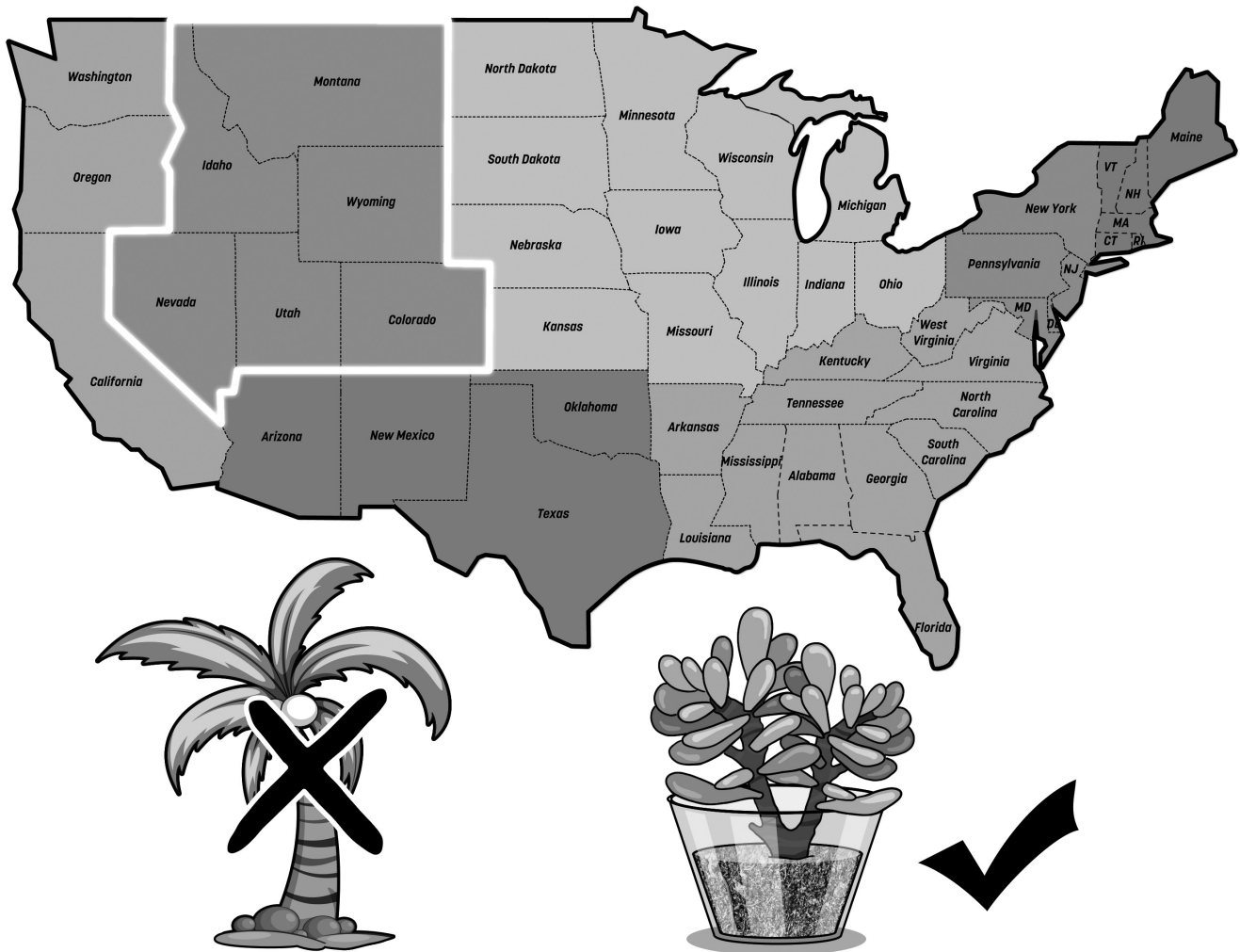
- "What do we need for life?"
- "What do living things need to survive?"



### Image 3: Think and Discuss

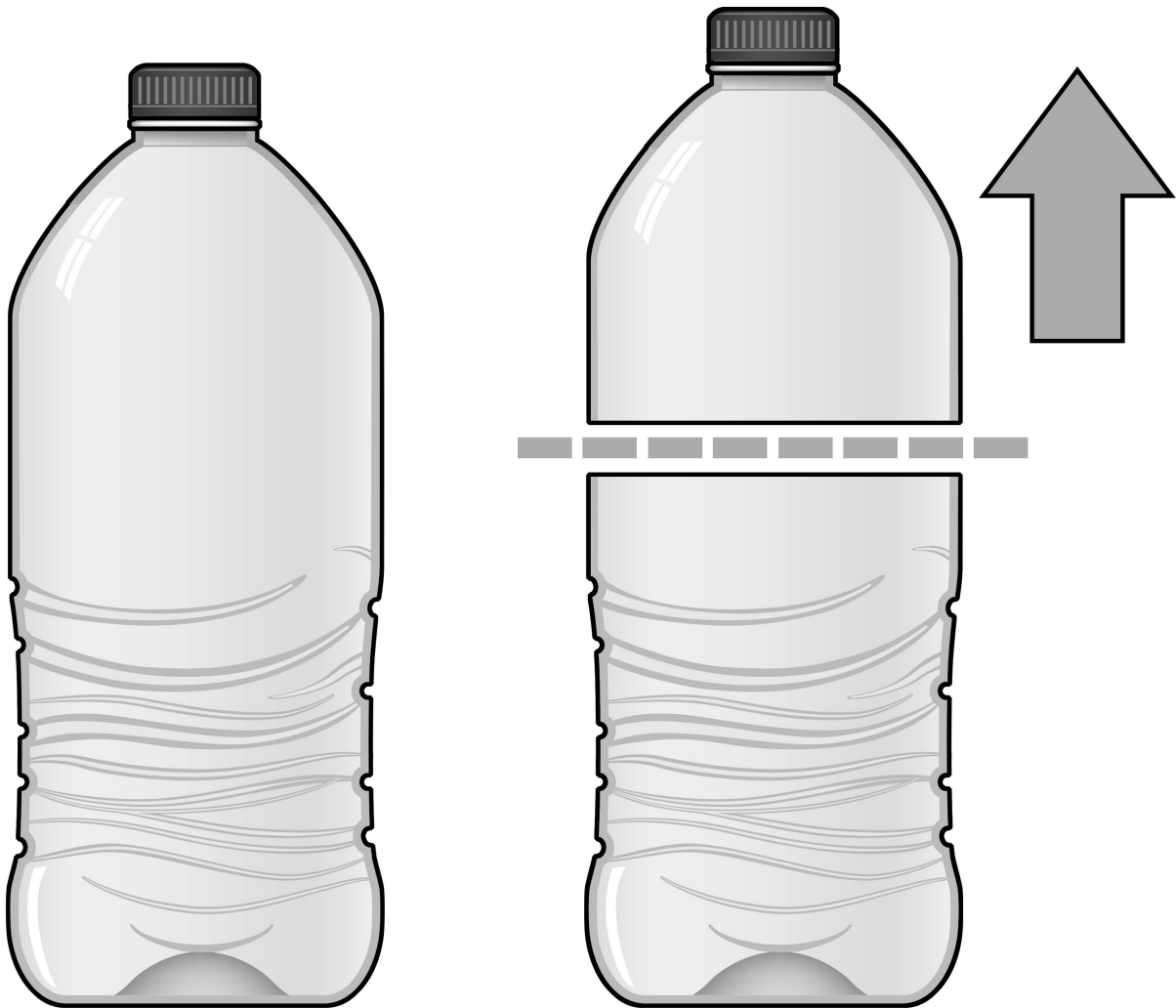
- “What is it like on Mars?”
- “What would it be like to live on Mars?”

# Nurturing Life



## Image 4

Select seeds or plants that can grow and survive in a small container and will do well in the region that you live. For example, a jade plant is a great choice if you live in Colorado or Utah. A coconut tree would be a bad choice!



**Image 5**

Remove the top of the bottle from the lower part of the bottle. Your bottle should already be separated. If your bottle is not separated, ask an adult for help.



## Image 6

Pour  $\frac{1}{2}$  -  $\frac{3}{4}$  cup of small rocks or gravel into the bottom of the bottle



## Image 7

Add 2 cups of your soil mix into the bottle.





**Image 8**

Plant your plants or seeds according to package directions.



## Image 9

Add about  $\frac{1}{2}$  cup of water to your bottle, or until there is around 1 inch of water in the bottom of the bottle (in the rocks).



## Image 10

Replace the top of the plastic bottle so that it fits around the outside of the bottom. Secure the top of the bottle (without a cap) in place with a piece of tape.



**Image 11**

Take your “garden in a bottle” home with you. Keep a daily journal of your plant’s growth and changes.