

Science Task 1: Plant Life Cycle

Materials and Setup

Item 1

flowering plant



sunflower seed



(teacher provided) (teacher provided)

Item 3

sunflower seed



(teacher provided)

flowering plant



(teacher provided) (teacher provided)



stick



Item 2

flowering plant



(teacher provided)

Item 4

flowering plant



(teacher provided) (teacher provided)

sunflower seed



Access Limitations

N/A (Not Applicable) (Item 1, 2, 3, 4)

Science Task 1:

Plant Life Cycle: Item 1

Setup

flowering plant

sunflower seed



(teacher provided) (teacher provided)

Script

Say: *We're going to talk about the life cycle of plants. Here is a plant.*

Do: Place the plant in front of the student. Allow time for the student to focus on the plant.

Say: *Here are the leaves. Here are the flowers.*

Do: Assist the student if necessary.

Do: Place the seed in front of the student. Allow time for the student to focus on the seed.

Say: *Here is a seed. Let's feel them.*

Do: Assist the student if necessary.

Record 4 points:

Student demonstrates **sustained involvement** in the activity; for example, he or she may

- consistently attend to teacher's communication (verbal or signed) and actions;
- participate with intention in action involving the objects as modeled;
- imitate (or try to imitate) action involving the objects as objects;
- shift body movement/eye gaze appropriately as focal point of demonstration changes;
- make an appropriate vocalization (e.g., an associated sound) in response to objects; and/or
- demonstrate anticipation or prediction of next words and/or actions.

Record 3 points:

Student demonstrates **generally maintained involvement** in the activity; for example, he or she may

- generally attend (with infrequent lapses) to teacher's communication (verbal or signed) and actions;
- touch or point to object(s) as described;
- sustain gaze toward object(s) during manipulation by teacher;
- vocalize to show acknowledgment of object(s) during manipulation/exploration; and/or
- willingly permit (participate in) hand-over-hand exploration of object(s).

Record 2 points:

Student demonstrates **intermittent/irregular involvement** in the activity; for example, he or she may

- intermittently attend to teacher's communication (verbal or signed) and actions;
- move toward/reach for the object(s) presented;
- touch the object(s) presented; and/or
- look at the object(s) presented, shifting gaze at least sometimes as appropriate.

Record 1 point:

Student demonstrates **fleeting awareness** of, but little/no involvement in, the activity taking place; for example, he or she may

- only fleetingly attend to teacher's communication (verbal or signed) and actions;
- exhibit a momentary change in movement, vocalization, and/or respiration in response to teacher and/or object(s);
- open or move eyes toward teacher and/or object(s); and/or
- permit guided touch/grasp of object as initially presented.

Record NR:

Student does not demonstrate any awareness of the object(s) or involvement in the activity taking place or may refuse to engage in the activity at any level.

Then, record a score and go to the next item.

Science Task 1:

Plant Life Cycle: Item 2

Setup

sunflower seed



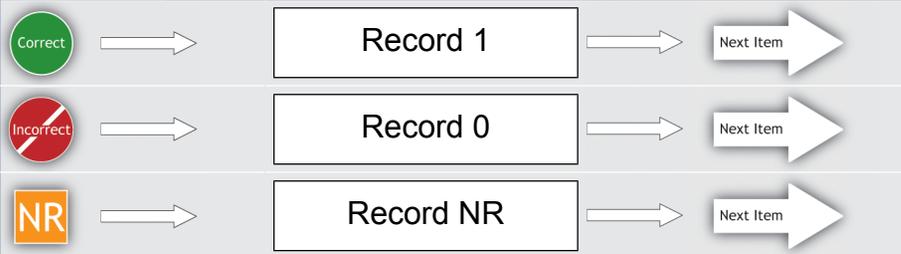
(teacher provided)

Script

Say: ***Here are seeds again. Do they grow in the dirt*** (indicate the potted soil) ***or on the floor*** (indicate the floor)?

Scoring Note: Record a 1 if the student chooses dirt.

TRY 1



Science Task 1:

Plant Life Cycle: Item 3

Setup

sunflower seed



(teacher provided)
flowering plant



stick



(teacher provided) (teacher provided)



Script

Say: **Tell (show) me, do seeds** (indicate the seed) **grow into plants** (indicate the plant) **or sticks** (indicate the stick)?

TRY 1

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record NR	→	Next Item

Science Task 1:

Plant Life Cycle: Item 4

Setup

sunflower seed

flowering plant



(teacher provided) (teacher provided)

Script

Say: ***Are seeds made in the leaves*** (indicate the leaves) ***or the flowers*** (indicate the flowers)?

Scoring Note: Record a 1 if the student chooses the flower.

At the completion of the task say: ***We're finished talking about the life cycle of plants.***

TRY 1

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record NR	→	Next Item