

Features Analysis Chart—Plants and Animals

Teacher Name: _____

Circle One: PRE POST

Describe the assessment item: Question 1 on the pre-post assessment for the Plants and Animals unit: Draw a picture and add words to tell how a plant gets its food and how an animal gets its food. Be ready to explain your pictures to your teacher.

Describe the ideal response: Students may use a combination of words and pictures. Possible responses:

- Animals eat plants or other animals.
- Animals hunt for their food.
- Plants make their food.
- Plants use water, sunlight, and air to make their food.
- Plants and animals have different ways of getting food. Plants make their own food, and animals get food by eating.

Features of a Complete, Accurate Response	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Draws Sun for plant.																								
Draws rain for plant.																								
Draws air for plant.																								
Draws animals hunting for their food OR eating plants or other animals.																								
Adds labels to drawings to indicate that plants make food.																								
Interview questions:																								
Animals hunt for their food OR animals eat plants or other animals.																								
Plants make their food.																								
Plants need water to make food.																								
Plants need air to make food.																								
Plants need sunlight to make food.																								
Plants and animals get food in different ways.																								
Animals can't make their own food.																								

Features Consistent with Misconceptions/Problems	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Student's drawing/interview shows/says that animals need sunlight for food.																								
Animals can make their food.																								
Plants don't need food.																								
Some plants need food, and some don't (plants we take care of versus plants in the wild).																								
Water is food for plants.																								
Soil is food for plants.																								
Plant food/fertilizer is food for plants.																								
Sunlight is food for plants.																								
Plants need air, water, or sunlight to live and grow (don't mention needing these things to make food).																								
Other:																								