

ASSESSMENT CONSIDERATIONS

INITIAL SERIES

Students will be asked to demonstrate understanding that:

- Plants have external parts. (1-LS1-1)
- Plants also have different parts (roots, stems, leaves, flowers, fruits) that help them survive and grow. (1-LS1-1)
- Adult plants can have young. (1-LS1-2)
- Plants respond to some external inputs. (1-LS1-1)
- Plants are very much, but not exactly, like their parents. (1-LS3-1)
- Individuals of the same kind of plant are recognizable as similar but can also vary in many ways. (1-LS3-1)
- Plants depend on water and light to grow. (2-LS2-1)
- Plants depend on animals for pollination or to move their seeds around. (2-LS2-2)
- There are many different kinds of plants in any area, and they exist in different places on land and in water. (2-LS4-1)

MIDDLE SERIES

Students will be asked to demonstrate understanding that:

- For any particular environment, some kinds of plants survive well, some survive less well, and some cannot survive at all. (3-LS4-3)
- Plant populations live in a variety of habitats, and change in those habitats affects the organisms living there. (3-LS4-4)
- Reproduction is essential to the continued existence of plants. (3-LS1-1)
- Plants have unique and diverse life cycles. (3-LS1-1)
- Many characteristics of plants are inherited from their parents. (3-LS3-1)
- Different plants vary in how they look and function because they have different inherited information. (3-LS3-1)
- The environment also affects the traits that a plant develops. (3-LS3-2)
- Sometimes the differences in characteristics between individuals of the same species provide advantages in surviving and reproducing. (3-LS4-2)
- Plants have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction. (4-LS1-1)

LATER SERIES

Students will be asked to demonstrate an understanding that:

- Plants acquire their material for growth chiefly from air and water. (5-LS1-1)