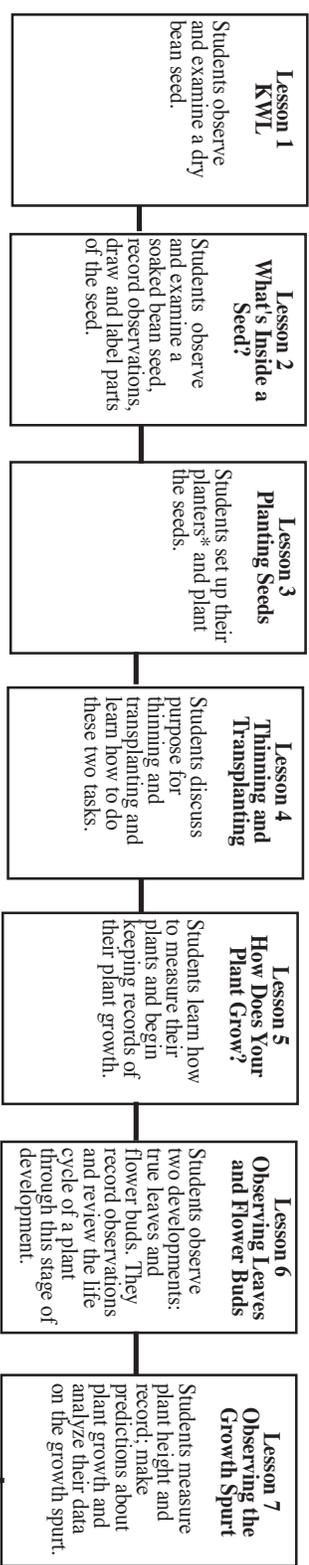


# Plant Growth and Development Conceptual Story

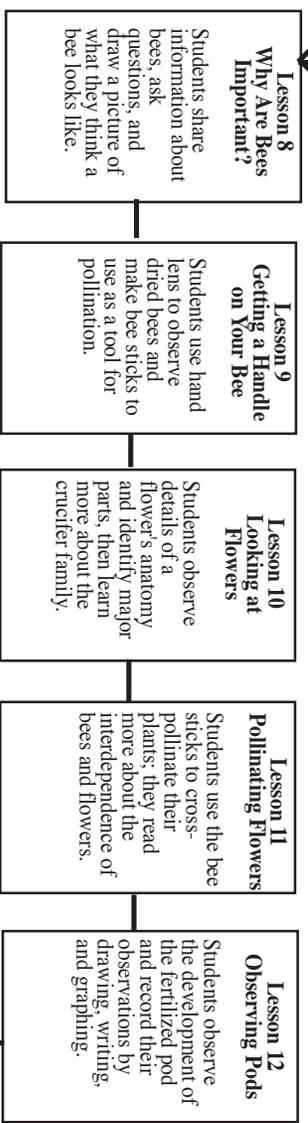
Science & Technology for Children - Grade 3

**K-12 Unifying Concept:** Living things have characteristics that can be used to categorize them; are organized into systems that are interconnected; and interactions within and among living systems cause changes in matter and energy.  
**Third Grade Level Concept:** Living things have certain characteristics and requirements.

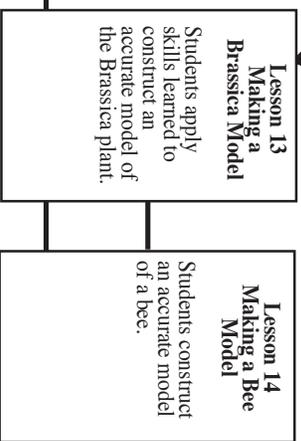
**Sub-concept:** Living things (plants) go through distinct stages in a life cycle.



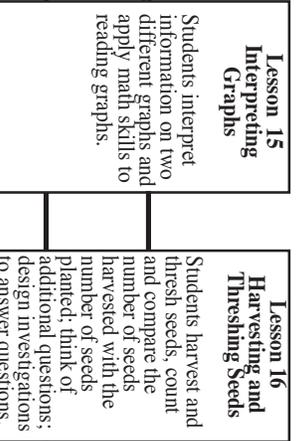
**Sub-concept:** Living things (plants/bees) are interdependent in a life cycle (pollination is the process by which plants are fertilized.)



**Sub-concept:** The structures and behaviors of living things are adapted to meet their needs.



**Sub-concept:** The cycle begins anew: one seed produces one plant; one plant can produce many seeds.



## Extensions

Begin life cycle anew; students are provided the opportunity to replant seeds and conduct individual experiments. They may change variables (e.g., light, fertilizer, bee stick, # of plants per cell, thin vs. not thin).