



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none">• Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals• Give reasons for classifying plants and animals based on specific characteristics.	<ul style="list-style-type: none">• Know different ways to classify organisms according to their characteristics• Describe the characteristics of different animals• Know how to group animals according to their characteristics – similarities and differences• Know how to assign animals to specific groups based on their characteristics• Know different ways to classify plants• Know that botanists are experts in plants and how to classify them• Know what vascular plants are• Know what non-vascular plants are• Explain the difference between flowering plants and non-flowering plants• Know who Carl Linnaeus was and how he contributed to science• Know that he created the Linnaean system of classification• Explain why classification systems are important• Know that micro-organisms are• Know what micro-organisms need to survive• Know how micro-organisms can be grouped• Know that some micro-organisms are harmful and some are helpful