

Table 1: Kingdom Worksheet

Kingdom	Bacteria	Archaea	Protista	Fungi	Plantae	Animalia
Cell Type	<i>prokaryotic</i>	<i>prokaryotic</i>	<i>eukaryotic</i>	<i>eukaryotic</i>	<i>eukaryotic</i>	<i>eukaryotic</i>
Cell Wall	<i>often present, contains peptidoglycan</i>	<i>present, does not contain peptidoglycan</i>	<i>exists in some, composition will vary</i>	<i>usually composed of chitin</i>	<i>composed of cellulose</i>	<i>none</i>
Body Form	<i>unicellular, some are colonial</i>	<i>unicellular, some are colonial</i>	<i>unicellular, colonial, and some simple multicellular</i>	<i>most are multicellular</i>	<i>multicellular</i>	<i>multicellular</i>
Nutrition	<i>photosynthesis, chemosynthesis and absorption (heterotrophs)</i>	<i>heterotrophs (absorption)</i>	<i>some autotrophs, some heterotrophs (ingestion and absorption) and some both</i>	<i>heterotrophs (absorption or secrete enzymes that digest food outside of itself)</i>	<i>photosynthesis</i>	<i>ingestion</i>
Nervous System	<i>absent</i>	<i>absent</i>	<i>absent</i>	<i>absent</i>	<i>absent</i>	<i>absent</i>
Reproduction	<i>asexual</i>	<i>asexual</i>	<i>asexual and sexual</i>	<i>asexual and sexual</i>	<i>asexual and sexual</i>	<i>sexual</i>
Locomotion	<i>present in some</i>	<i>present in some</i>	<i>present in some</i>	<i>none</i>	<i>none</i>	<i>distinct at some point in the life cycle</i>
Examples	<i>bacteria, cyanobacteria</i>	<i>methanogens, extreme thermophiles, extreme halophiles (organisms that live in harsh environments such as salt lakes, hot springs and animal guts)</i>	<i>algae, protozoa</i>	<i>mushrooms, yeast, bread molds</i>	<i>mosses, ferns, conifers, flowering plants</i>	<i>sponges, jellyfish, starfish, lobsters, worms, birds, mammals</i>