

Classification Characteristics

This is not the full set of defining characteristics used for classifying organisms but it does present the ones that students are most likely to glean from the videos.

Class	Body Covering	Legs	Wings	Body Parts	Reproduce By	Thermo-type
Mammal	Hair	4	0 (except bats)	Head, Trunk, Limbs	Sexual (live birth)	Warm-blooded
Bird	Feathers	2	2	Head, trunk, wings, legs	Sexual (eggs)	Warm-blooded
Reptiles	Scales	4	0 (snakes)	Head, Trunk, Limbs	Sexual (eggs)	Cold-blooded
Amphibians	Skin	4	0	Head, Trunk, Limbs	Sexual (eggs laid in water)	Cold-blooded
Fish	Scales	Fins	0	Head, trunk	Sexual (eggs laid in water)	Some are cold-blooded, some are warm-blooded
Insects	Skin	6	Some	Head, Thorax, Abdomen	Sexual	Some are cold-blooded, some are warm-blooded
Spiders	Skin	8	0	Two	Sexual	Some are cold-blooded, some are warm-blooded

Plants	Covering	Flowers	Height	Features
Trees	Bark	Y	To 30 m plus	Single trunk With branches
Weeds	Cellular skin	Y	To 1 m plus	Variable
Emergent plants	Cellular skin	Y	To 3 m plus	Single stalk with leaves
Floating Plants	Cellular skin	Y	To 1 m plus	Stem is not supportive Leaves and flower float on surface
Submergent plant	Cellular skin	Y	To 1 m plus	Stem is not supportive Leaves float