

Route cards (Y5 Classification Code challenge: to match and colour code; Y6 – give chn a few of these completed routes (a mix) then get them to research the remaining ones)

Parasitic Bolete		Euglena gracilis		E. coli	
Kingdom:	<i>Fungi</i>	Kingdom:	<i>Eukaryota</i>	Kingdom:	<i>Eubacteria</i>
Phylum:	<i>Basidiomycota</i>	Phylum:	<i>Euglenozoa</i>	Phylum:	<i>Proteobacteria</i>
Class:	<i>Agaricomycetes</i>	Class:	<i>Euglenoidea</i>	Class:	<i>Gammaproteobacteria</i>
Order:	<i>Boletales</i>	Order:	<i>Euglenales</i>	Order:	<i>Enterobacteriales</i>
Family:	<i>Boletaceae</i>	Family:	<i>Euglenaceae</i>	Family:	<i>Enterobacteriaceae</i>
Genus:	<i>Pseudoboletus</i>	Genus:	<i>Euglena</i>	Genus:	<i>Escherichia</i>
Species:	<i>Pseudoboletus parasiticus</i>	Species:	<i>Euglena gracilis</i>	Species:	<i>Escherichia coli</i>
Fly agaric		Amoeba proteus		Salmonella	
Kingdom:	<i>Fungi</i>	Kingdom:	<i>Eukaryota</i>	Kingdom:	<i>Eubacteria</i>
Phylum:	<i>Basidiomycota</i>	Phylum:	<i>Amoebozoa</i>	Phylum:	<i>Proteobacteria</i>
Class:	<i>Agaricomycetes</i>	Class:	<i>Tubulinea</i>	Class:	<i>Gammaproteobacteria</i>
Order:	<i>Agaricales</i>	Order:	<i>Tubulinida</i>	Order:	<i>Enterobacteriales</i>
Family:	<i>Amanitaceae</i>	Family:	<i>Amoebidae</i>	Family:	<i>Enterobacteriaceae</i>
Genus:	<i>Amanita</i>	Genus:	<i>Amoeba</i>	Genus:	<i>Salmonella</i>
Species:	<i>Amanita muscaria</i>	Species:	<i>Amoeba proteus</i>	Species:	<i>Salmonella Enteritidis</i>

Lion		Mediterranean House Gecko		European Robin	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>
Class:	<i>Mammalia</i>	Class:	<i>Reptilia</i>	Class:	<i>Aves</i>
Order:	<i>Carnivora</i>	Order:	<i>Squamata</i>	Order:	<i>Passeriformes</i>
Family:	<i>Felidae</i>	Family:	<i>Gekkonidae</i>	Family:	<i>Muscicapidae</i>
Genus:	<i>Panthera</i>	Genus:	<i>Hemidactylus</i>	Genus:	<i>Erithacus</i>
Species:	<i>Panthera leo</i>	Species:	<i>Hemidactylus turcicus</i>	Species:	<i>Erithacus rubecula</i>
Lesser Water Boatman		Emperor Penguin		Eastern Brown Snake	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Arthropoda</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>
Class:	<i>Insecta</i>	Class:	<i>Aves</i>	Class:	<i>Reptilia</i>
Order:	<i>Hemiptera</i>	Order:	<i>Sphenisciformes</i>	Order:	<i>Squamata</i>
Family:	<i>Corixidae</i>	Family:	<i>Spheniscidae</i>	Family:	<i>Elapidae</i>
Genus:	<i>Corixa</i>	Genus:	<i>Aptenodytes</i>	Genus:	<i>Pseudonaja</i>
Species:	<i>Corixa punctata</i>	Species:	<i>Aptenodytes forsteri</i>	Species:	<i>Pseudonaja textilis</i>

Marble Angelfish		Golden Eagle		Common Earthworm	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Annelida</i>
Class:	<i>Actinopterygii</i>	Class:	<i>Aves</i>	Class:	<i>Sedentaria</i>
Order:	<i>Perciformes</i>	Order:	<i>Accipitriformes</i>	Order:	<i>Clitellata</i>
Family:	<i>Cichlidae</i>	Family:	<i>Accipitridae</i>	Family:	<i>Lumbricidae</i>
Genus:	<i>Pterophyllum</i>	Genus:	<i>Aquila</i>	Genus:	<i>Lumbricus</i>
Species:	<i>Pterophyllum scalare</i>	Species:	<i>Aquila chrysaetos</i>	Species:	<i>Lumbricus terrestris</i>
Koala Bear		Nile Crocodile		European garden spider	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Arthropoda</i>
Class:	<i>Mammalia</i>	Class:	<i>Reptilia</i>	Class:	<i>Arachnida</i>
Order:	<i>Diprotodontia</i>	Order:	<i>Crocodylia</i>	Order:	<i>Araneae</i>
Family:	<i>Phascolarctidae</i>	Family:	<i>Crocodylidae</i>	Family:	<i>Araneidae</i>
Genus:	<i>Phascolarctos</i>	Genus:	<i>Crocodylus</i>	Genus:	<i>Araneus</i>
Species:	<i>Phascolarctos cinereus</i>	Species:	<i>Crocodylus niloticus</i>	Species:	<i>Araneus diadematus</i>

Giant African Snail		Border Collie		Pederson's shrimp	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Mollusca</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Arthropoda</i>
Class:	<i>Gastropoda</i>	Class:	<i>Mammalia</i>	Class:	<i>Malacostraca</i>
Order:	<i>Stylommatophora</i>	Order:	<i>Carnivora</i>	Order:	<i>Decapoda</i>
Family:	<i>Achatinidae</i>	Family:	<i>Canidae</i>	Family:	<i>Palaemonidae</i>
Genus:	<i>Achatina</i>	Genus:	<i>Canis</i>	Genus:	<i>Ancylomenes</i>
Species:	<i>Achatina achatina</i>	Species:	<i>Canis lupus familiaris</i>	Species:	<i>Ancylomenes pedersoni</i>
Blue Poison Dart Frog		Angular Unicorn Sea Snail		Humpback whale	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Chordata</i>	Phylum:	<i>Mollusca</i>	Phylum:	<i>Chordata</i>
Class:	<i>Amphibia</i>	Class:	<i>Gastropoda</i>	Class:	<i>Mammalia</i>
Order:	<i>Anura</i>	Order:	<i>Neogastropoda</i>	Order:	<i>Artiodactyla</i>
Family:	<i>Dendrobatidae</i>	Family:	<i>Muricidae</i>	Family:	<i>Balaenopteridae</i>
Genus:	<i>Dendrobates</i>	Genus:	<i>Acanthinucella</i>	Genus:	<i>Megaptera</i>
Species:	<i>Dendrobates tinctorius</i>	Species:	<i>Acanthinucella spirata</i>	Species:	<i>Megaptera novaeangliae</i>

Giraffe		Brown Bear		Channel Catfish	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>	Phylum:	<i>Chordata</i>
Class:	<i>Mammalia</i>	Class:	<i>Mammalia</i>	Class:	<i>Actinopterygii</i>
Order:	<i>Artiodactyla</i>	Order:	<i>Carnivora</i>	Order:	<i>Siluriformes</i>
Family:	<i>Giraffidae</i>	Family:	<i>Ursidae</i>	Family:	<i>Ictaluridae</i>
Genus:	<i>Giraffa</i>	Genus:	<i>Ursus</i>	Genus:	<i>Ictalurus</i>
Species:	<i>Giraffa giraffa</i>	Species:	<i>Ursus arctos</i>	Species:	<i>Ictalurus punctatus</i>
Indian Red Scorpion		Red Admiral Butterfly		Mexican Burrowing Caecilian	
Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>	Kingdom:	<i>Animalia</i>
Phylum:	<i>Arthropoda</i>	Phylum:	<i>Arthropoda</i>	Phylum:	<i>Chordata</i>
Class:	<i>Arachnida</i>	Class:	<i>Insecta</i>	Class:	<i>Amphibia</i>
Order:	<i>Scorpiones</i>	Order:	<i>Lepidoptera</i>	Order:	<i>Gymnophiona</i>
Family:	<i>Buthidae</i>	Family:	<i>Nymphalidae</i>	Family:	<i>Dermophiidae</i>
Genus:	<i>Hottentotta</i>	Genus:	<i>Vanessa</i>	Genus:	<i>Dermophis</i>
Species:	<i>Hottentotta tamulus</i>	Species:	<i>Vanessa atalanta</i>	Species:	<i>Dermophis mexicanus</i>

Pineapple		Greater Stitchwort		Blackcurrant	
Kingdom:	<i>Poales</i>	Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>
Phylum:	<i>Bromeliaceae</i>	Phylum:	<i>Tracheophyta</i>	Phylum:	<i>Tracheophyta</i>
Class:	<i>Ananas</i>	Class:	<i>Magnoliopsida</i>	Class:	<i>Magnoliopsida</i>
Order:	<i>Ananas comosus</i>	Order:	<i>Caryophyllales</i>	Order:	<i>Saxifragales</i>
Family:	<i>Poales</i>	Family:	<i>Caryophyllaceae</i>	Family:	<i>Grossulariaceae</i>
Genus:	<i>Bromeliaceae</i>	Genus:	<i>Stellaria</i>	Genus:	<i>Ribes</i>
Species:	<i>Ananas</i>	Species:	<i>Stellaria holostea</i>	Species:	<i>Ribes nigrum</i>
Baobab Tree		Teasel		Old Man's Beard	
Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>
Phylum:	<i>Tracheophyta</i>	Phylum:	<i>Spermatophyta</i>	Phylum:	<i>Spermatophyta</i>
Class:	<i>Magnoliopsida</i>	Class:	<i>Dicotyledonae</i>	Class:	<i>Dicotyledonae</i>
Order:	<i>Malvales</i>	Order:	<i>Dipsacales</i>	Order:	<i>Ranunculales</i>
Family:	<i>Malvaceae</i>	Family:	<i>Dipsacaceae</i>	Family:	<i>Ranunculaceae</i>
Genus:	<i>Adansonia</i>	Genus:	<i>Dipsacus</i>	Genus:	<i>Clematis</i>
Species:	<i>Adansonia kilima</i>	Species:	<i>Dipsacus fullonum</i>	Species:	<i>Clematis vitalba</i>

Fescue Grass		English Oak Tree		Kelp	
Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>	Kingdom:	<i>Protoctista</i>
Phylum:	<i>Spermatophyta</i>	Phylum:	<i>Spermatophyta</i>	Phylum:	<i>Ochrophyta</i>
Class:	<i>Monocotyledonae</i>	Class:	<i>Dicotyledoneae</i>	Class:	<i>Phaeophyceae</i>
Order:	<i>Ranunculales</i>	Order:	<i>Fagales</i>	Order:	<i>Laminariales</i>
Family:	<i>Ranunculaceae</i>	Family:	<i>Fagaceae</i>	Family:	<i>Laminariaceae</i>
Genus:	<i>Clematis</i>	Genus:	<i>Quercus</i>	Genus:	<i>Nereocystis</i>
Species:	<i>Clematis vitalba</i>	Species:	<i>Quercus robur</i>	Species:	<i>Nereocystis luetkeana</i>
Ivy		Common Foxglove		Wheat	
Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>	Kingdom:	<i>Plantae</i>
Phylum:	<i>Spermatophyta</i>	Phylum:	<i>Spermatophyta</i>	Phylum:	<i>Spermatophyta</i>
Class:	<i>Dicotyledonae</i>	Class:	<i>Dicotyledonae</i>	Class:	<i>Monocotyledonae</i>
Order:	<i>Apiales</i>	Order:	<i>Scrophulariales</i>	Order:	<i>Poales</i>
Family:	<i>Araliaceae</i>	Family:	<i>Scrophulariaceae</i>	Family:	<i>Poaceae</i>
Genus:	<i>Hedera</i>	Genus:	<i>Digitalis</i>	Genus:	<i>Triticum</i>
Species:	<i>Hedera helix</i>	Species:	<i>Digitalis purpurea</i>	Species:	<i>Triticum aestivum</i>

Route Cards (Yr6 Classification Code challenge: blank for research)

Kingdom:		Kingdom:		Kingdom:	
Phylum:		Phylum:		Phylum:	
Class:		Class:		Class:	
Order:		Order:		Order:	
Family:		Family:		Family:	
Genus:		Genus:		Genus:	
Species:		Species:		Species:	
Kingdom:		Kingdom:		Kingdom:	
Phylum:		Phylum:		Phylum:	
Class:		Class:		Class:	
Order:		Order:		Order:	
Family:		Family:		Family:	
Genus:		Genus:		Genus:	
Species:		Species:		Species:	