Living Smart QLD - early years science curriculum support engaging students in learning about local Biodiversity

Year 2 Science All Around Us

Sheet B Exploration of living things around us Page 3		
Living Thing	External Features	Habitat and life cycle
INSIDE THE CLASSROOM — Nature Table, reading, discussions with elders, art, potted native plants		
OUTSIDE THE CLASSROOM — observation practice - still sitting, existing school ground habitats, collecting nature, planning for new habitats (student's special place); life under leaf mulch, explore riparian habitats, canopy study, bird watch, guided tour of local reserves, local expertise — Indigenous educators, environmental professionals, council Natural Areas and Land for Wildlife officers, community environment volunteers, community native nurseries, ecology workshops/macro invertebrate study.		
Human Being	What are our features? How do	Where do we live? What do we
Homo Sapiens	we change as we grow?	need to survive?
Local Coastal Plant	Coastal She Oak Allocasuarina littoralis	Are they growing alone or alongside others? Can you see others that are
Local Riparian Plant Local sub-tropical rainforest plant	(Glossy Black Cockatoo food) Creek Mat Rush Lomandra hystrix Moreton Bay Fig Ficus macrophylla	same? What role do they play in nature? How do they make their energy? How to they take up water? What do they do with their
Local sub-tropical rainforest vine Local Pine Local Eucalypts	Birdwing Butterfly Vine Pararistolochia praevenosa Bunya Araucaria bidwillii Tallowwood E. microcorys (koala food)	waste (dead parts)? What role does the waste undertake? What do these plants need to survive? Who do they protect and how? What are the natural habitats? What are the
Local Mangrove	Moreton Bay Ash Corymbia tessellaris Orange Mangrove Bruguiera gymnorhiza	life cycles? Which animals or insects feed off, lay eggs or nest in these species?
Local Insect/Invertebrate Exoskeleton, no backbone	Richmond Birdwing Butterfly Trap Door Spider spiders Caddis fly Macro-invertebrate	What does this insect need for it to survive? What is it's natural habitat What is its life cycle?
Local Marsupial Pouch for young, live birth that suckle	Koala vulnerable Bandicoots Sugar Glider	What does this Marsupial need for it to survive? What is its natural habitat? What is its life cycle?
Local Bird	Glossy Black Cockatoo vulnerable Brush Turkey Crows	What does this bird need for it to survive? What is it's natural habitat What is its life cycle?
Local Amphibian Aquatic and Terrestrial life stages and habits	Great Barred Frog Mary river turtle endangered	What does this amphibian need for it to survive? What is its natural habitat? What is it's life cycle?
Local Reptile Cold Blooded, egg laying	Carpet Python Water Dragon Blue Tongue Lizard	What does this reptile need for it to survive? What is its habitat? What is its life cycle?
Local Monotreme Egg laying Mammal	Platypus Echidna	What does this Monotreme need to survive? What is it's habitat What is its life cycle?