



# Science



## Progression

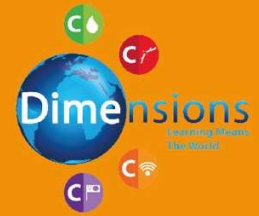
### Explorers 1 / Nursery and Explorers 2 / Reception

Happy to Be Me		Tell Us a Story	
senses	sight	bean	digging
ears	hear	seed	gardening
eyes	same	plant	giant
hands	difference	soil	tall
fingers	different	water	big
toes	observe	sunlight	fruit
mouth	patterns	indoor	vegetable
nose	food	outdoor	ear
touch	survive	grow	ear drum
taste	nose	harvest	
smell	paws		
No Place Like Home		Under the Sea	
habitat	animal	fish	crustacean
wild	look	head	sideways
pet	light	tail	marine
features	dark	scales	teeth
bricks	torch	fin	sharp
wood	sun	gills	shark
straw	candle	eyes	whale
dog	flame	aquarium	dolphin
cat	battery	tank	life cycle
hamster	electricity	water	float
fish		salt water	sink
		fresh water	boat
		crab	

	What on Earth...?
	habitat native non-native species flower plant mirror reflection environment creature alive season



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## Key Vocabulary

### Pathfinders 1 / Year 1

#### Happily Ever After

adult	healthy
alive	investigation
beak	life cycle
birds	life span
eggs	nutrition
feathers	observation
habitat	offspring
	recording
	respiration
	source
	variety
	young

### Pathfinders 2 / Year 2

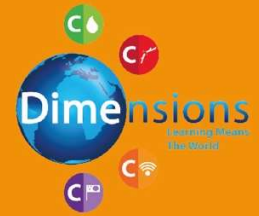
#### Going Wild

adult	herbivore
air	male
amphibian	mammal
baby	needs
bird	offspring
carnivore	omnivore
consumer	producer
endangered	reptile
extinction	scales
female	species
fins	survival
fish	tails
food	water
fur	hair
gills	
growth	
habitat	





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## Key Vocabulary

Pathfinders 1 / Year 1			Pathfinders 2 / Year 2	
Come Fly With Me! Arctic Circle			Land Ahoy!	
bending	autumn	adaptations	compare	decrease
flexibility	conditions	arctic fox	decrease	faint
hard	earth	blubber	distance	hearing aid
materials	forecast	camouflage	faster	increase
object	freeze	habitat	force	listening
opaque	hemisphere	micro-habitat	increase	loud / louder
physical properties	rain gauge	polar bear	launch	quiet / quieter
rigid	seasonal change	predator	motion	sound
rough	seasons	prey	movement	
senses	snow	survive	pull	
smooth	spring		push	
soft	summer		slower	
squashing	sun dial		speed	
stretching	tilt		surface	
transparent	winter		transporter	
twisting				
waterproof				



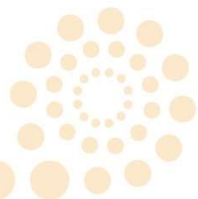


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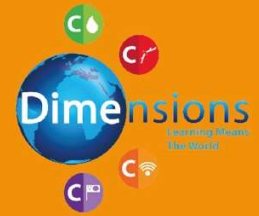
## Key Vocabulary

Pathfinders 1 / Year 1			Pathfinders 2 / Year 2	
Unity in the Community			Light Up the World	
bulb	temperature	food	appliance	shade
deciduous	trees	food chain	darkness	shadow
evergreen	vegetation	food source	day	solar
flower	water	habitat	electricity	solar
food	wild plants	temperature	electricity source	solar panels
fruit		water	energy	sun
garden plants			heat	sun safety
leaves			hydro dam	sustainable
light			light source	wind turbines
planting			measure	
plants			night	
roots			nocturnal	
seed			non-renewable	
stem			renewable	





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## Key Vocabulary

Pathfinders 1 / Year 1

Pathfinders 2 / Year 2

Zero to Hero

appliance  
battery  
bright  
bulb  
circuit  
component  
dull  
electricity  
heat  
light  
motor  
power  
power source  
switch  
wire



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## Key Vocabulary

### Adventurers 1 / Year 3

#### Come Fly With Me! Africa

biodiversity  
 canine  
 chew  
 classification  
 classification keys  
 consumer  
 dental  
 digestion/ digestive  
 system  
 food chain/ food  
 web  
 incisor  
 intestine  
 molar  
 muscles

nutrition  
 oesophagus  
 pre-molar  
 predator  
 prey  
 producer  
 skeleton  
 stomach  
 swallow  
 teeth

### Adventurers 2 / Year 4

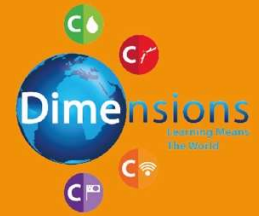
#### Rocky the Findosaur

coarse  
 condensation  
 crumbling  
 erosion  
 evaporation  
 evolution  
 fossil  
 gas  
 geology  
 global warming  
 liquid  
 loamy  
 metal  
 mineral  
 molecule  
 organic matter  
 palaeontology

permeable  
 precipitation  
 rock  
 sand  
 silt  
 smooth  
 soil  
 solid  
 state of matter  
 temperature  
 volume



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## Key Vocabulary

Adventurers 1 / Year 3		Adventurers 2 / Year 4	
May the Force Be With You		Picture Our Planet	
air resistance		insulate	
attract		noise pollution	
friction		pitch	
gravity		rhythm	
magnetic		sound waves	
non-magnetic		tuning fork	
pole		vibrations	
repel		volume	
resistance		wireless	
water resistance		wires	

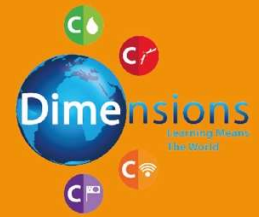
## Key Vocabulary

Adventurers 1 / Year 3				Adventurers 2 / Year 4	
Under the Canopy				Lightning Speed	
adaptations	stamen	photosynthesis	soil nutrients	appliance	efficiency
carbon dioxide	stem	pollination		battery	electric circuit
citrus fruit	stigma	pollinator		bulbs	insulator
dispersal	trunk	reproduction		buzzer	motors
flowering plants		root		cells	series circuit
fungi		seed formation		component	switch
growth		seeds		conductor	wires
oxygen		sepal		current	





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## Key Vocabulary

### Adventurers 1 / Year 3

#### Athens v Sparta

buoyancy  
displacement  
float  
mass  
materials  
resistance  
sink

### Adventurers 2 / Year 4

#### A World of Difference / Cry Freedom

block  
dark  
hypothesis  
light  
opaque  
reflect  
shadow  
solid



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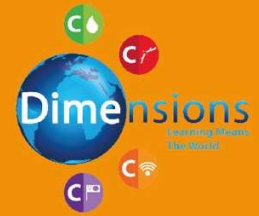
## Key Vocabulary

Navigators 1 / Year 5		Navigators 2 / Year 6	
Full of Beans		Global Warning	
brightness	pollution	biodegradable	reuse
bulb	radioactive	conductivity	reversible
buzzer	renewable/	(electrical and	separating sieving
calorie	non-renewable	thermal)	solid
cell	energy sources	dissolve	solubility
circuit diagram	sustainable	dredging	solution
coal	thermal	evaporating	substance
consumption	uranium	filtering	waste
efficiency	voltage	gas	
energy	volume	irreversible	
fuel	wind power	liquid	
gas		magnet	
kinetic		mixing	
nuclear		nurdles	
oil		pollutants	
plutonium		recycle	
		reduce	



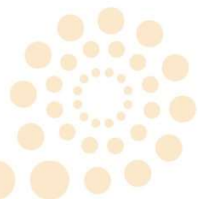


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## Key Vocabulary

Navigators 1 / Year 5		Navigators 2 / Year 6	
Come Fly With Me! America		"I Have A Dream..."	
absorbency		adaptation	reproduction
classify		amphibian	sexual reproduction
cotton		appearance	tendrils
environmentally		biomes	theories of evolution
friendly		bird	vertebrate
flexibility		birth rate	
man-made materials		classification	
manufacturing		egg	
natural		environment	
process		evolution	
properties		gills	
strength		habitat	
		hereditary	
		insect	
		invertebrate	
		mammal	





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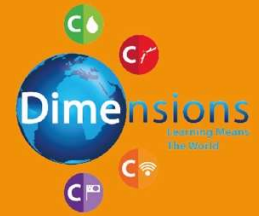
## Key Vocabulary

Navigators 1 / Year 5		Navigators 2 / Year 6	
A World of Bright Ideas		Mission Control	
accelerate	spring	axis	sun
air resistance	water resistance	constellations	tides
block and tackle		cycle	
brake		day and night	
decelerate		device	
effort		earth	
fall		flat earth theory	
force		galaxy	
friction		moon	
fulcrum		orbit	
gears		planet	
gravity		planetary motion	
lever		rotation	
load		satellite	
newton meter		solar system	
pulley		space agencies	
resistance		spherical bodies	





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## Key Vocabulary

Navigators 1 / Year 5		Navigators 2 / Year 6	
Go With the Flow		Wars of the World	
additive	life cycle	absorption	shiny
adolescent	lungs	beam	torch
blood	oxygenated	cornea	translucent
cardiac	plasma	eye	transparent
cell	platelets	iris	
blood pressure	pore	lens	
blood vessel	pregnant	light	
dehydration	pulse	light-emitting devices	
drug	stethoscope	opaque	
function	sweat	periscope	
gestation	urine	reflect	
heart	veins	refraction	
joints	womb	retina	
		shadows	