

## **KS1 Working Scientifically Skills mapping**

## LTP - Cycle A

									- Cycle A	<u>`</u>										
			The I	human body	y .			Seasonal cl	hanges			44		Materials				-	Seasona	al changes
Autumn term	Ask questions	Answer questions and make conclusions	Take measurements	Ask questions	Gather, record and classify	Gather, record and classify	Maka ahearustinne	אמעס סססט אמונסט	Gather, record and classify	Take measurements	Gather, record and classify	Answer questions and make conclusions	Answer questions and make	conclusions	Ask questions	Gather, record and classify				
	Planting A					Anima	ıls					Caring pla		е	Seasonal c	hanges		Plantin	g B	
Spring term	Ask questions	Ask questions	Gather, record and classify	Gather, record and classify	Gather, record and classify	Answer questions and make	Gather, record and classify	Gather, record and classify	Gather, record and classify	the state of the s	<b>A</b>	Ask questions		conclusions	Ask questions	Gather, record and classify	Make observations	STOLEN LOSSO ABIA	Gather, record and classify	Consolidation
				Plants				F	Planting C			wing and			Seasonal c	hanges				
Summer term	Garher, record and <b>classify</b>	Gather, record and <b>classify</b>	Make observations	Gather, record and classify	Gather, record and classify	Gather, record and classify	Answer questions and make conclusions	Make observations		camer, record and classify	Ask questions	Answer questions and make	conclusions	Ask questions	Gather, record and classify	Answer questions and make	conclusions		Consolidation	



## KS1 Working Scientifically Skills mapping

#### LTP – Cycle B

									LIP-(		_										
		Animals'	needs for su	rvival			Humans					,		Material	s				y.		Plastic
Autumn term	Ask questions	Gather, record and classify	Gather, record and classify Gather, record and classify	Gather, record and classify	Answer questions and make conclusions	Gather, record and classify	Gather, record and classify	Make observations	Make observations	Gather, record and classify	Take measurements	Gather, record and <b>classify</b>	Ask questions	Gather, record and classify	Make observations	Answer questions	Take measurements	Ask questions	Answer questions and make conclusions	Ask questions	Answer questions and make conclusions
		Plan	ts (light and o	dark)							Living thi	ings and th	neir ha	bitats					P	ants	
Spring term	Make observations	Make observations	Ask questions	Ask questions	Take measurements		Gather, record and classify	Answer questions and make conclusions	Answer questions and make	2000	Answer questions and make conclusions	Gather, record and <b>classify</b>		Make observations	Gather, record and classify		Camer, record and classify	Gather, record and <b>classify</b>		Gather, record and classify	Consolidation
		Plants (bulb	s and seeds)					Grow	ving up					Plants	Growing	g up	V	/ildlife			
Summer term	Make observations	Sather, record and classify	Ask questions	Take measurements	Sather, record and classify		Ask questions	Sather, record and classify	Bather, record and classify		Make observations	nswer questions and make conclusions		Make observations	Make observations		Ask questions	nswer questions and make	conclusions		Consolidation



#### **LKS2 Working Scientifically Skills mapping**

## LTP – Cycle A

									LTP – C	ycie A									
			Skeletor	าร		Mov	ement		Nutr	ition and	d diet		Food	waste		Rock	(S		
Autumn term	Ask questions	Gather, <b>record</b> and classify	Gather, record and classify	Gather, record and classify	Present findings	Answer questions and make conclusions	Present findings	Gather, record and <b>classify</b>	Answer questions and make conclusions	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Ask questions	Present findings	Make observations	Gather, record and <b>classify</b>	Make observations	Gather, record and classify	Consolidation
	Fo	ossils				Soils							Li	ght					
Spring term	Ask questions	Present findings		Gather, <b>record</b> and classify	Answer questions and make conclusions	Take measurements	Take measurements	Answer questions and make conclusions	Make observations	SIGNA ODSELVATIONS	Gather, <b>record</b> and classify	Gather, <b>record</b> and classify	Gather, record and classify	Ask questions	Plan	Gather, record and classify	Answer questions and make	CONCIUSIONS	Consolidation
					Plants	Α					F	orces			Magnets		Plants B	Bio	odiversity
ε		ssify				10	issily	60	make	10	make		make	ssify	10		make		

					Plar	nts A						For	ces			Ма	gnets		Plants B	Biodi	versity
Summer term	Answer questions	Gather, record and classify	Ask questions	Plan	Plan	Make observations	Gather, record and classify	Present findings	Make observations	Answer questions and make conclusions	Make observations	Answer questions and make conclusions	Plan	Answer questions and make conclusions	Gather, record and classify	Make observations	Plan	Present findings	Answer questions and make conclusions	Ask questions	Present findings



# LTP – Cycle A

## **LKS2 Working Scientifically Skills mapping**

										<u>!</u>	LTP	– Cycle	<u>B</u>										
		Group ar	nd classify	living thing	(S		Data co	llectio	n A						Stat	tes of mat	ter						
Autumn term	Gather, record and classify	Ask questions	Gather, record and classify	Gather, record and classify	Present findings		Gather, record and classify		Gather, record and classify	Gather, record and <b>classify</b>		Make observations	Ask questions	Make observations	Plan		Camer, record and classify	Make observations	Ask questions		Make observations	Answer questions and make conclusions	Consolidation
				So	und						Data	a collectio	n B			Electrici	ly				Energy		
Spring term	Ask questions	Gather, record and classify	Make observations	Plan	Make observations	Plan		Make observations	Answer questions and make		Gather, record and classify		Garher, record and classify	Gather, record and <b>classify</b>	Gather, <b>record</b> and classify	Answer questions and make conclusions	Ask questions		Answer questions and make conclusions	Answer questions and make	conclusions	Gather, record and classify	Consolidation
	Data	collection	С		Habi	tats			Defore	station				The	digestive s	ystem					Foo	d chains	
Summer term	Gather, record and classify	Gather, <b>record</b> and classify	Present findings	Ask questions	Gather, record and classify	Gather, record and classify	Present findings		Ask questions	Present findings		Make observations	Ask questions	Plan	Plan	Plan	Present findings	Answer questions and make	conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify	Present findings



# **UKS2 Working Scientifically Skills mapping**

# LTP – Cycle A

			95 /5		Forces				
Autumn term	Present findings	Plan	Plan	Take measurements	Present findings	Plan	Take measurements	Answer questions and make conclusions	Answer questions and make conclusions

			Spa	асе			
Answer questions and make conclusions	Present findings	Present findings	Gather, record and classify	Present findings	Answer questions and make conclusions	Answer questions and make conclusions	Gather, record and classify

conclusions	Gather, record and classify	Gather, record and classify	Answer questions and make conclusions	Consolidation
		Life cycl	es	

Global warming

			Properties	of materials		
Spring term	Gather, <b>record</b> and classify	Gather, <b>record</b> and classify	Plan	Take measurements	Evaluate	Answer questions and make conclusions

	Į.	Animals inclu	ding human	s	
Plan	Gather, record and classify	Answer questions and make conclusions	Answer questions and make conclusions	Gather, <b>record</b> and classify	Present findings

	Life c	ycles	
Present findings	Gather, <b>record</b> and classify	Gather, <b>record</b> and classify	Present findings

			Reprodu	uction A		
Summer term	Present findings	Gather, record and classify	Present findings	Answer questions and make conclusions	Plan	Take measurements

Reversible and irreversible changes													
Evaluate	Gather, record and classify	Take measurements	Present findings	Present findings	Evaluate								

Plastic pollution	Reproduct	tion B	
Answer questions and make conclusions	Evaluate	Evaluate	Consolidation



## **UKS2 Working Scientifically Skills mapping**

										<u>LTP</u>	– Cycle	В											
	Living things and their habitats										Electricity										Renewable energy		
Autumn term	Answer questions and make conclusions	Answer questions and make conclusions Gather, record and classify		Garher, record and classify		Gather, record and classify	Answer questions and make conclusions		Present findings	Present findings	Gather, record and classify		Present findings	Gather, <b>record</b> and classify		Plan	Take measurements		Evaluate	Answer questions and make	Answer questions and make conclusions		
8 2	Light						Light pollution			ollution	The circulatory system						[	Diet, dru	gs and life	s and lifestyle			
Spring term	Answer questions and make conclusions	Gather, record and classify	Gather, record and classify	Plan	Take measurements	Gather, record and classify	Answer questions and make conclusions	Answer questions and make conclusions	Answer questions and make conclusions	Present findings	Ask questions	Answer questions and make	Conclusions Make observations	Present findings	Answer questions and make conclusions	Evaluate	Answer questions and make	Answer questions and make	Answer questions and make	conclusions	Take measurements	Evaluate	
	Vari	iation	Adaptations Fossils									Themed projects											
Summer term	Gather, record and classify	Gather, record and classify		Answer questions and make conclusions	Answer questions and make conclusions	Plan	Present findings	Plan	Present findings	Answer questions and make	Present findings		Present findings	Consolidation	Ask questions	Dlan		Make observations	Take measurements	Gather, record and classify	Answer questions and make conclusions	Evaluate	