



## PRIOR SCIENCE KNOWLEDGE

- TO IDENTIFY THAT MOST LIVING THINGS LIVE IN HABITATS TO WHICH THEY ARE SUITED (Yr 2).
- TO DESCRIBE IN SIMPLE TERMS HOW FOSSILS ARE FORMED WHEN THINGS THAT HAVE LIVED ARE TRAPPED WITHIN ROCK. (Yr 3).
- RECOGNISE THAT ENVIRONMENTS CAN CHANGE AND THAT THIS CAN SOMETIMES POSE DANGERS TO LIVING THING (Yr 4).
- DESCRIBE THE DIFFERENCES IN THE LIFE CYCLES OF A MAMMAL, AN AMPHIBIAN, AN INSECT AND A BIRD. (Yr 5).
- DESCRIBE THE LIFE PROCESS OF REPRODUCTION IN SOME PLANTS AND ANIMALS (Yr 5).

## PRIOR SCIENCE SKILLS

- TO PLAN AND CARRY OUT A FAIR TEST (YEAR 5).
- TO USE TEST RESULTS TO DRAW SCIENTIFIC CONCLUSIONS (YEAR 5).
- TO MAKE SYSTEMATIC AND CAREFUL OBSERVATIONS. (YEAR 4).



## KEY VOCABULARY

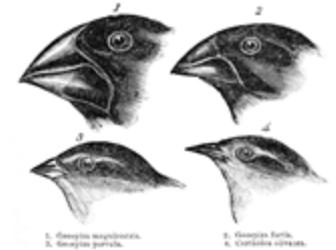
<b>SPECIES</b>	CLASSIFICATION OF A SIMILAR GROUP OF LIVING THINGS THAT ARE ABLE TO REPRODUCE.
<b>INHERIT</b>	CERTAIN FEATURES ARE PASSED TO A SPECIES OFFSPRING.
<b>VARIATION</b>	DIFFERENCES BETWEEN OFFSPRING OF THE SAME LITTER.
<b>ADAPTATION</b>	CHANGES WHICH HELP AN ANIMAL SURVIVE.
<b>EVOLUTION</b>	LIVING THINGS HAVE DEVELOPED AND CHANGED OVER A LONG TIME.

## NEW SCIENCE SKILLS

- TO OBSERVE AND RAISE QUESTIONS ABOUT LOCAL ANIMALS AND HOW THEY ARE ADAPTED TO THEIR ENVIRONMENT.
- PATTERN SEEKING.
- TO ANALYSE THE ADVANTAGES AND DISADVANTAGES OF SPECIFIC ADAPTATIONS.

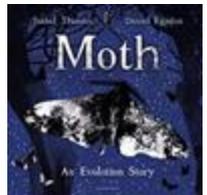
## NEW SCIENCE KNOWLEDGE

- TO RECOGNISE THAT LIVING THINGS PRODUCE OFFSPRING OF THE SAME KIND, BUT NORMALLY OFFSPRING VARY AND ARE NOT IDENTICAL TO THEIR PARENTS.
- TO IDENTIFY HOW ANIMALS AND PLANTS ARE ADAPTED TO SUIT THEIR ENVIRONMENT IN DIFFERENT WAYS AND THAT ADAPTATION MAY LEAD TO EVOLUTION.
- TO RECOGNISE THAT LIVING THINGS HAVE CHANGED OVER TIME AND THAT FOSSILS PROVIDE INFORMATION ABOUT LIVING THINGS THAT INHABITED THE EARTH MILLIONS OF YEARS AGO.



## ENRICHMENT OPPORTUNITIES

- VISIT FROM 'PORTALS TO THE PAST' TAKING THE CHILDREN ON AN IMMERSIVE EXPERIENCE - LOOKING AT THE EVOLUTION OF LIVING THINGS,
- LOOKING AT THE STORY 'MOTH, A STORY OF EVOLUTION'.





# YEAR 6 CURRICULUM LEAFLET AUTUMN 1



## READING

THIS TERM CHILDREN WILL BEGIN THEIR DAILY SFA (SUCCESS FOR ALL) LESSONS DEVELOPING THEIR RETRIEVAL AND INFERENCE SKILLS. CHILDREN WILL BE DRAWING INFERENCES FROM THE TEXT, AND LEARN TO JUSTIFY THESE WITH EVIDENCE. THE CHILDREN WILL ALSO DEVELOP THEIR FLUENCY SKILLS TO INCREASE THEIR SPEED AND ACCURACY OF WHAT THEY READ.



## WRITING

WE WILL BEGIN THE YEAR READING KIRAN MILLWOOD HARGRAVE'S TALE 'THE GIRL OF INK AND STARS'. THE STORY WILL TAKE US ON AN JOURNEY THROUGH THE FICTIONAL ISLAND OF 'JOYA'. WE WILL EXPLORE THE FEATURES OF AN ADVENTURE NARRATIVE AND APPLY THESE LANGUAGE DEVICES TO OUR OWN WRITING.



## MATHS

READ AND WRITE NUMBERS TO 10 000 000 IN WORDS AND NUMERALS. ORDER AND COMPARE NUMBERS TO 10 000 000. ROUND NUMBERS WITH UP TO SEVEN DIGITS TO THE REQUIRED DEGREE OF ACCURACY. CALCULATE ESTIMATES, INCLUDING ROUNDING TO AN APPROPRIATE DEGREE OF ACCURACY IN A GIVEN CONTEXT. SOLVE PROBLEMS INVOLVING ADDITION AND SUBTRACTION. SOLVE MULTI-STEP ADDITION AND SUBTRACTION PROBLEMS IN CONTEXT.



## RELIGIOUS EDUCATION

WE WILL BE LEARNING ABOUT JUDAISM, AND EXPLORING JEWISH PEOPLE'S RELATIONSHIPS WITH TO GOD, AND THEIR RESPONSIBILITIES TO GOD.

TO UNDERSTAND THE MAIN, UNIQUE FEATURES OF SYNAGOGUE AND WHO EACH OF THEM HELP US TO UNDERSTAND THE JEWISH FAITH.



## PHYSICAL EDUCATION

OUR SPORTS COACHES WILL BE TEACHING PE EVERY MONDAY - PLEASE ENSURE CHILDREN WEAR PE KIT ON THAT DAY. THE CHILDREN WILL BE DEVELOPING THEIR FOOTBALL SKILLS INCLUDING DRIBBLING, PASSING AND SHOOTING.

THE CHILDREN WILL HAVE A SEPERATE CLASS TEACHER LED SESSION ON FRIDAY AFTERNOONS.



## COMPUTING

CHILDREN WILL BE USING A RANGE OF APPLICATIONS TO CREATE DIGITAL CONTENT ACROSS THE CURRICULUM. CHILDREN WILL CREATE A HIGH QUALITY FILM USING AN IPAD AND MAKE OUR PHOTOS MOVE THEY WILL PRESENT MATERIAL TO THE WORLD DIGITALLY.



## HOME LEARNING

YOU CAN HELP ME AT HOME BY:

- READING WITH ME AND ASKING ME QUESTIONS ABOUT THE BOOK.
- TALKING TO ME ABOUT EVERYDAY MATHS E.G. MONEY AND CHANGE FROM TRANSACTIONS, COOKING AND DISCUSSING SCALES, WEIGHT, VOLUME.
- INTRODUCING ME TO NEW WORDS AND EXPLAINING THEIR MEANING.
- COMPLETING TASKS FROM OUR MAKER MAT.