

Curriculum area	KS1/2 content	Links to birds
Art	<p>Use a range of materials, techniques and mediums</p> <p>Learn about great artists, architects and designers in history.</p>	<ul style="list-style-type: none"> • Observational drawings of wildlife. • Patterns in nature – spirals, • Create a natural sculpture trail. • Make mud faces for the trees. • Sketching outside. • Natural colours • ANDREW GOLDSWORTHY – Ephemeral art. • Natural art – birds’ nests, spiders’ webs
DT	<p>Knowledge, understanding and skills needed to engage in an iterative process of designing and making in a range of relevant contexts: for example, school, gardens and playgrounds.</p> <p>Make</p> <p>Technical knowledge</p>	<ul style="list-style-type: none"> • Egg game (protect an egg) • Make a flying bird model • Den making – for a baby bird – to withstand a storm. • Hammock or Rope swings to give birds point of view
English	<p>Speaking and listening, reading and writing</p> <p>Variety of texts to read and write.</p> <p>Selection of authors and writing styles</p>	<ul style="list-style-type: none"> • Working outside in a relaxed environment and the inspiration of the natural environment have immediate advantages for speaking and listening. • Giving safety instructions • Using identification guides • Learning to identify the features of different species • Bird inspired Poetry reciting • Story telling • Using puppets to tell a story • Use microphones to record bird song as inspiration • Reciting familiar stories • Reading simple ID charts/ names of birds • Writing letters to birds. • Replying to letters found from birds



Geography

Place knowledge
Human and physical geography
Geographical skills and fieldwork
Locational knowledge

- Reading words on a maps or treasure hunts to follow a trail.
 - Reciting familiar books
 - Writing a menu for a bird restaurant.
 - Write a letter to governors to say what the school needs to do to help wildlife
 - Books linked to the natural world Eg. Animals of Farthing wood, Watership down, Midsummer night's Dream
 - Make plans for what to do on the following visit and make a list of equipment needed.
 - Safety guidelines for other children using the outdoor environment.
 - Creating a guidebook for others to use with identified wildlife, places of interest, a trail, can you spot...
 - Interpretation boards for the Outdoor Learning area
 - Quiet spot game to inspire writing.
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- Use Google Earth/maps to look at the school grounds then plot a map of the school grounds showing bird habitats
 - Make 3d maps using natural materials and laminated labels to label them.
 - Make a mini garden with bird friendly elements
 - Orienteering trail round the school grounds to lead to treasure – Easter Egg trail with real eggs and birds that match
 - Plan ways to develop the school grounds together to attract more birds
 - Wildlife Area Project:
 - Make a scale plan of the school grounds with a key and make a management plan to improve



Music

Listening and responding to music
Creating musical sounds with voice, instruments.

Singing outside
Amphitheatre
Make musical instruments – percussion,
Making up songs inspired by bird song

Mathematics

Number
Calculations
Problem Solving
Measurements
Shapes
Geometry
Fractions
Statistics

- Bird watch counting how many birds of different species visit feeders and keeping a record of the count
- Making bird food using plastic trays, natural materials, measuring cups or jug and water.
- Use directions to lead people to eggs or nests.
- Symmetrical bird using card with double sided tape – stick on natural materials to make symmetrical wings.
- Directing one player who is the bird blindfolded towards a prize using mathematical vocab
- Venn diagrams to sort natural materials/ classify birds/ sort species
- Talk about time outside and how long the session is, how long birds visit feeders or bird baths
- Plotting a wildlife area and measuring it out
- Living Willow structure
- Plotting out a circle, placing rods at equal spaces.
- Planning a wildflower meadow – work out area and seed needed to sow.
- Venn or Carrol diagrams to sort species
- Use graphs to record data from Bioblitz. Keep a record and repeat each year to add to the data.
- Create a scaled diagram of wildlife areas being created and plan what to add and how to make it.



PE		<ul style="list-style-type: none">• Planning a wildlife area and making a scaled map of the area to develop• Calculate costs too.
	Movements Skills Games	<ul style="list-style-type: none">• Moving as birds – some glide, some bounce through the air, some waddle as they walk• Tree climbing• Balancing on logs• Rope walks• Natural dancing/movement inspired by bird movement
Science	Scientific enquiry Plants Animals including humans Materials Seasonal changes	<ul style="list-style-type: none">• School Bioblitz• Identifying birds and the trees they use and seeds they eat• Planting up areas of the school grounds to attract more birds• Minibeast hunt for ones that feed birds• Make a bird model (using mud/ sticks)• Minibeast hunt/pond dip and classifying carnivores/herbivores and omnivores and seeing which ones feed your local birds• Owl pellet dissection• Use hoops to classify groups of birds• Be a bird – exploring the grounds as different species and finding things to eat.• Camouflage caterpillar trail• Different beaks for different food types adaptations activity• Egg game – keeping an egg safe using natural materials – to be thrown and caught.



- Nest making to shelter from the rain using different materials – mini for soft toys and test with watering can.
- Mud play – clay and sand to create nests.
- Signs of Spring/autumn/winter/summer challenge – how do bird species and numbers change
- Be a bird and find a habitat/microhabitat, use tweezers as a beak for nest building
- Hoop venn diagrams to group different birds.
- Grow plants for the school that feed birds
- Grow a willow dome/tunnel as a bird hide
- Making nesting material rings for birds – why do they need nests?
- Survival skills – what do birds need to survive
- Weaving willow to make nests
- Using mud to make bird shapes
- Ice making bird shapes
- Identify how different seed are distributed – many by birds eating them and some by flying themselves on the wind.
- Make own flying seed versions in groups using different materials.
- Put up a bird box and monitor it.