

Head of School: Mrs J Eddy

Outdoor Learning – Summer Term 2024 Open Spaces – Open Hearts – Open Minds

We have come to the end of what has been an exciting summer term of outdoor learning. Our children have been inspired by getting closer to nature. They have enjoyed exploring, observing and discovering more about their local environment, which in turn helps them understand the world we live in. We have seen the positive impact that Cultivating Futures and learning outdoors has on our children and sincerely believe that nature is a superpower that can energise us all. All children have been learning outdoors through nature hunts, observing wildlife and investigating plants and insects in their habitats. They have been caring for our animals and participating in fun and engaging team games, improving teamwork and skills while building trust.



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During their weekly sessions with Mr Costello, all children in the EYFS have exploring Cultivating Futures and learning how to care for our animals. They have particularly

enjoyed prails and The childre and used while expl

enjoyed participating in the sensory nature trails and making super potions using herbs. The children collected their own mixing stick and used a cup to collect a variety of herbs while exploring Cultivating Futures.







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The children learnt about the variety of herbs that can be grown, their uses and the value to health, while also understanding the importance of not picking plants, flowers or berries without an adult saying so. After collecting and mixing their super potion, the children gave their potion a name and explained what power this









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They have been learning how to use garden tools safely while learning about the importance of plants. They have continued to grow with confidence, helping prepare our garden planters for sowing seeds and transplanting seedlings. These outdoor



learning lessons enrich the EYFS curriculum, supporting children's understanding of the world, their physical development and spoken language.





The children enjoyed learning how to use a shovel and a spade and collecting lettuce, radishes, strawberries and carrots.

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The Children have particularly enjoyed getting close to our rabbits and chickens. They have learned how to provide basic care for rabbits, the types of food they should eat and used sentences to describe their features.







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The children enjoyed finding out about different mini beasts, where they lived and why. They observed these closely using a variety of magnifying equipment.





The children have thoroughly enjoyed taking part in a variety of fun team games including duck, duck goose, the bat and moth game and other team circle games that encourage discussion and teamwork while developing their listening skills and spoken language.

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More pictures of EYFS children enjoying the great outdoors.

Don't underestimate the healing power of nature.









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In Year 1, children have been exploring Cultivating Futures, looking for the signs of summer, week by week observing the changing weather, learning about the world

we live in and our local environment.

They have been getting close to nature by discovering and identifying mini beasts in various habitats. The children have been comparing the features of vertebrates to those of invertebrates. They used magnifying glasses and lenses to observe these creatures and have compared the size of worms to find out which one was the shortest and longest.





Collecting and observing mini beasts that are alive and were once alive.

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They have particularly enjoyed participating in animal scavenger hunts, discussing the animal kingdom, food chains, carnivores, omnivores and herbivores. The children visited the den building area and played animal top trumps and 'guess zoo'. They sat calmly around our campfire area, learning about the fire triangle, fire safety and how to behave around our campfire.

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The children were excited to visit our pond dipping bridge where they learnt about pond safety before participating in a pond dipping session. They compared the wildlife that was in and around our pond to what they discovered in the Spring term.





This time they discovered an array of creatures, including pond skaters, water boatmen, caddisfly, leeches, diving beetles and dragonfly nymphs, which they observed closely before placing back into the pond. The number dragon and damselflies fluttering around in the sunshine children. amazed the They noticed that many of the newts had moved out of the pond to land, replaced by baby newts. Finally, they used a variety of lenses to get a closer look at the creatures.









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Children have also been learning about the basic needs of animals while getting close to our rabbits and chickens. They have helped care for them, while learning more about the differences between mammals and birds. They have also used descriptive sentences to describe the animals







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The children have also enjoyed learning beneficial gardening skills preparing the ground, harvesting vegetables and sowing a selection of seeds. They have transplanted tomato seedlings and cucumber plants and watched them grow over the last 8 weeks. They have been learning about the parts of a plant that we eat.











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Calm and connection, teaching responsibility, developing fine motor skills.











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'Look deep into nature, and then you will understand everything better'. – Albert Einstein









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Year 2 children have had an amazing time exploring, discovering and observing nature over the summer term. They started the autumn term learning about the importance of plants and the jobs that each part do. Children have learned how to



use garden tools safely when taking part in gardening activities and gained significant knowledge about sowing and growing. They have been getting their hands dirty while harvesting vegetables, sowing seeds and learning about the parts of a plant that we eat.





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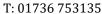




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More pictures of year one children learning about the importance of plants.





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The children in year 2 have been learning about the importance of bees and other invertebrates, observing them closely using a variety of magnifying lenses and a microscope. They observed a bumble bee, fly and a spider that had once been alive. They were amazed at the detail they could see through the microscope.









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Year 2 children have also been getting close to our animals, comparing their different features while learning how to care for them. They have been comparing different groups of animals including mammals, reptiles, birds and amphibians and learning about their natural habitats.









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The children have thoroughly enjoyed learning about directions, compass points and maps. They observed three different scaled maps before having an introduction to orienteering and finally completing their mini orienteering challenge of Cultivating Futures.









By the end of the lesson the children could navigate an orienteering map.

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Year children have been making sparks while learning about the fire triangle and how to stay safe near the camp fire. They learned about the dangers and advantages of fire before attempting to light some tinder with a fire steel and toast marshmallows.









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Most of the year 2 took the opportunity to meet in groups around a relaxing campfire, engaging in conversation, smiling, laughing while toasting jumbo marshmallows. They thoroughly enjoyed peeling the layers off the marshmallows and eating them slowly.









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More pictures from the Y2 campfire









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The year 2 children have also been learning about the creatures that live in our pond, comparing animals with a backbone to those without. They have also been learning



about the weather, and the instruments we use to record temperature, wind speed and rainfall.









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Meanwhile, in Year 3, the beginning of the beginning of the summer term saw our children harvesting the fruit and vegetables that had been growing during the early

spring, including radishes, spring onions and carrots. They learned how to use garden tools safely, how to prepare the soil ready for sowing seeds and harvested strawberries.











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They have been learning about the importance of plants in our diet while understanding what each part of the plant does.



The children enjoyed comparing seeds and then making their own seed packets.









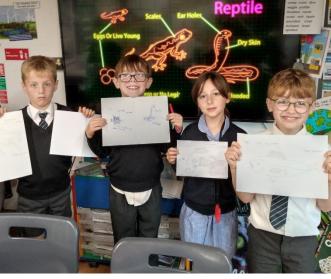
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Year 3 have particularly enjoyed discovering nature, participating in team games, and the fact-finding missions around Cultivating Futures. They have gained knowledge about the characteristics of vertebrates and compared them to invertebrates through these fact-finding missions. They had to discover the sixteen animals and fact cards, answering the questions and highlighting whether it was a vertebrate or invertebrate while naming a feature. Finally, the children picked an animal and described how it moved using adjectives, verbs and adverbs.









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Our pond has come alive with an abundance of creatures over the summer term and the children have been learning what lives in this important habitat. The children discovered a wide variety of creatures including a large dragonfly nymph, water boatmen, pond skaters, newts, caddisfly, leeches, snails and diving beetle larvae. They also observed the many dragonflies that were flying around the pond which gave us the opportunity to discuss their life cycle.



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More pictures of the year 3 children learning about the pond habitat

The children were amazed by the dragonflies that were fluttering by the pond









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Pond Life - exploring, discovering, observing and recording







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Some of our year 3 children helped assemble the tents during camp week. They worked brilliantly as a team to assemble one of the large tents.









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The impact litter has on our environment and wildlife has also been a topic of conversation. They have shown care with litter picks, discussing what can be done to



improve this and why it matters. The children have also been carrying out fair tests to discover what material different seeds grow best in, soil, compost, sand or gravel.







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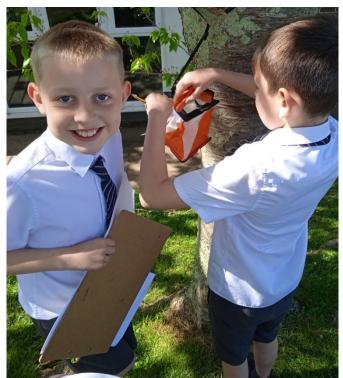
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In Year 4, children have been learning how to follow directions and navigate an orienteering map of our school grounds. They began by comparing different scaled maps of Cornwall, identifying locations and working out the distance between two places.

The children were then challenged to locate the 10 control points in order, recording their progress on the control card. At each point the children were also challenged with identifying the animal and naming the group it belonged to. The children thoroughly enjoyed participating in this activity





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Year 4 have been great team players this summer term, participating in a variety of team games including capture the flag, tyre balance race and sports activities.









They gave all the challenges a go and showed a never give up attitude.

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During the early part of our summer term we all took advantage of participating in a 'What's under your feet' citizen science challenge. Normally the autumn and spring terms provide the best conditions for mini beast data recording, however we seem to



have had only one season during the last twelve months and with a mild and wet spring and summer, the conditions were perfect for a mini-beast feast.







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More pictures of the children exploring and discovering what lives under their feet









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Year 4 children have been brushing up on their gardening skills.







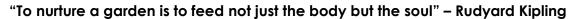


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Year four children have been learning how weather forecasts are produced and how we record the weather. They looked at live satellite pictures and rainfall radars before making their own forecast on an interactive map.









They recorded the windspeed, temperature, air pressure and rainfall over a two-week period. The children did an excellent job of placing the symbols onto the map after viewing the satellite picture.

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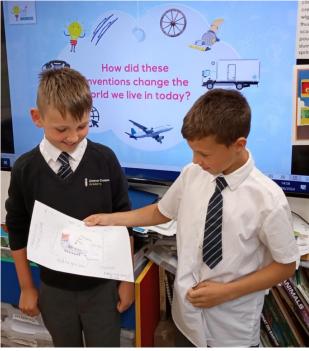
During the very wet weather we headed indoors and looked back at inventions that had changed the world before using their imaginations to invent something that

would make the world a better place. Some children improved an existing product that frustrated them.









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The year 4 children have certainly been engaged in nature this summer term and I look forward to teaching them again in year 5 when we will build on the excellent knowledge about the animal kingdom and science.





Pond dipping and identifying invertebrates, animal care and making mini beast hotels





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Year 5 children have had a busy summer term, exploring Cultivating Futures and discovering nature. They started the summer term comparing maps with different scales, working out distances between various places and using orienteering maps.









They particularly enjoyed challenge orienteering, finding the controls, recording their progress and answering questions. revisited the 8 points of a compass and used a compass to find the direction. The children considered different ways designing а new orienteering challenge for next year.







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"Let nature be your teacher". - William Wordsworth

Year 5 children have certainly enjoyed every minute that they have spent next to our pond. They have learned to pond dip safely before exploring the pond habitat in pairs. They were challenged to find as many of the invertebrates and vertebrates to



complete a pond bingo challenge. All twelve of the creatures were successfully identified and in some cases the larvae/nymph and adult were discovered. The first broad bodied dragonflies discovered were around the pond, giving us the opportunity to discuss their life cycles and compare them to the life cycle of diving beetles frogs and other living things.





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More pictures of year 5 children discovering what lives in and around our pond.











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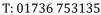
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The children been learning about the variety of invertebrates that live around us and discussing why species might need to change to allow them to live successfully in their habitat. They were challenged to design a new species of mini beast, which they had

just discovered. They began by creating a poster of their discovery, describing how it protects itself, what it eats, how big it is and where it lives before recreating it using natural materials outside.



Children enjoyed learning about animal adaptations, and the thousands of new invertebrates discovered every year.







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Year 5 have enjoyed learning new gardening skills while sowing and growing.









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The year 5 children have enjoyed taking part in team games, scavenger hunts, litter picking and caring for our rabbits and chickens.









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More pictures of year 5 children during their team building sessions this summer term







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The year 5 children enjoyed the campfire and marshmallows during camp week









Making lifelong memories

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Year 6 started the summer term by learning about the importance of habitats, preserving existing habitats and increasing biodiversity. The children built new homes for nature including a hibernacula (A home for reptiles and amphibians to overwinter)









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The children have thoroughly enjoyed exploring our pond habitat over the summer term where they have discovered a vast array of creatures including dragonflies, baby newts, water boatmen, leeches and diving beetles.









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Year 6 children engaged with nature and history during a visit to Copperhouse pool nature reserve and King George V memorial walk in Hayle. During the nature trail they learned about why and when the memorial walk was developed, and what it was



previously used as. They observed the birds using binoculars and answered the quiz questions as they progressed quiz. The children really appreciated how these unique landscapes offer important habitats for wildlife.







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More pictures from the year 6 visit to Copperhouse pool and Memorial Walk









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Year 6 children have thoroughly enjoyed working as a team to create dens using tarpaulin sheets, rope, string and any other natural materials they could find. These would hopefully protect them from the incoming rain storm.









After they built the dens they participated in some team games, including capture the flag and the tyre challenge. They also enjoyed playing one of the many top trump games.

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The children learned about the fire triangle and attempted to light a fire using a fire steel, while enjoying a cup of hot chocolate.







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Year 6 children have been getting their hands dirty while helping with all the gardening tasks during the summer term. They enjoyed helping our tomatoes grow.









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It has without doubt been a fun packed final summer term of outdoor learning at Connor Downs Academy for our year 6 pupils. They have certainly been on a journey, and I have thoroughly enjoyed teaching them during their outdoor learning sessions, I wish everyone a happy, healthy and successful journey through secondary school and beyond.

Mr Costello







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