

Opportunities & Resources

Do you need help to bring your curriculum to life?

Welcome to our current opportunities and resources brochure which includes details of what local businesses can offer **FREE** for your schools, to bring your pupils' learning to life and help:

1. **Improve Attainment**
2. **Raise Aspirations**
3. **Develop Essential Skills**

If you want to book any of the activities in this brochure, please visit our website:

www.primarybusinesspartnership.org.uk and click on the green 'School Request' button, complete the form and Rebecca will book it for you.

We will endeavour to match all requests, however, some activities are limited so please make sure you give us as much notice as possible to arrange the session. Opportunities are updated regularly so check out our website or contact us directly for the latest information.

Can't see what you want?

Please get in touch with Rebecca or Claire to request support in other topics to bring your pupils' learning to life.



**A FREE matchmaking service
between primary schools
and businesses, helping
primary schools and
businesses work together**

For more info contact:

Rebecca Day | E: rebecca.day@pbp.org.uk

Claire Johnson | E: claire.johnson@pbp.org.uk

www.primarybusinesspartnership.org.uk



Career Aspirations PSHE

DREAM BIG

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school or live virtual
Suitable for: Y5/Y6 but can work with all of KS2
Time required: 2 hours

Students learn about different careers in Cumbria through famous Cumbrians and examples of local produce. They are able to interview guests about their careers.

CAREER CAROUSEL

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school
Suitable for: KS1 & KS2
Time required: Minimum 2 hours

Children work in small groups to ask guest speakers about their jobs.

BUSINESS BREAKFAST BITES

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school
Suitable for: KS1 & KS2
Time required: 30 minutes

A short Q&A session where a volunteer shares information about their job and the children ask questions about it.

DRESS UP DAY

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school
Suitable for: All (key for EYFS/KS1)

Encourages the children to think about what they want to do when they grow up. This is aimed at EYFS but could be made into a whole school fun day.

CAREERS TOP TRUMPS

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school
Suitable for: KS2
Time required: 1.5 hours including debrief

Students compare different jobs with a fun game.

WHAT'S MY LINE? (PANEL)

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams
Location: Face to face @ school
Suitable for: KS1 & KS2
Time required: 45 mins

Students ask a panel of guests questions to work out the jobs that they do.

WHAT'S MY LINE? (INDIVIDUAL)

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams

Location: Face to face @ school

Suitable for: KS1 & KS2

Time required: 30 mins

Presentation to inspire children about a particular job role and an opportunity to show pupils how what they learn at school is used in the real world.

The plans are from the Environment Agency but can be easily adapted for other roles or organisations.

OAK TREE ANIMALS' CHARITY | ANIMAL WELFARE AND LOOKING AFTER PETS

Curriculum Links: Science: Animals including humans/ living things and their habitats, PSHE: Health & Wellbeing/ Living in the wider world/ Relationships

Location: Face to face @ school or @ Oak Tree or Teacher led (online resources)

Suitable for: EYFS, KS1 & KS2

Time required: Depends on activity

As Cumbria's largest independent animal welfare charity, Oak Tree Animals' Charity are the leading provider of education and community support regarding pets in the local area. They offer workshops to primary schools on responsible pet ownership and safety around dogs, available at a time to suit you.

These are very popular workshops carried out at schools all over the local area. Specially formulated for younger pupils, the workshops are very interactive and get the kids up and involved in games and activities to educate in a fun and memorable way. These sessions can be offered to schools in the former Allerdale or Copeland areas, in person or virtually.

Oak Tree Animals' Charity have also developed a series of online free teaching resources:

- EYFS – 2 lesson plans available: Looking after a pet & Understanding pets
- KS1 & KS2 – 3 lesson plans available: Daily needs of animals (5 to 7 year olds), Keeping animals safe (7 to 9 year olds) and Taking responsibility for pets (9 to 11 year olds)

Link to website:

<https://www.oaktreeanimals.org.uk/about.html>

WHO USES THIS?

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams

Location: Face to face @ school

Suitable for: KS1 & KS2

Time required: 30 mins - 2 hours

The activity gets students to think about the tools and equipment used in different jobs and the skills needed.

MY CREST

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams

Location: Face to face @ school

Suitable for: All

Time required: 30 - 90 mins

Starts conversations about strengths and abilities, skills and self-awareness and how this might relate to the world of work.

WORKPLACE VISIT

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams

Location: Volunteers place of work

Suitable for: Y5

Potential opportunity to visit the volunteer's place of work. It aims to give the children a greater insight and further enriches the children's understanding of work.

BRIGHT STARS

Curriculum Links: All areas of curriculum

Location: Face to face @ school

Suitable for: All

Time required: 8-week competition

Encouraging leadership and entrepreneurship from a young age and developing relationships between Cumbrian businesses and their local primary schools.

Bright Stars is a competition aimed at primary school children across Cumbria. Each school is partnered with a local business and receives £50. The mission is to set up their own mini social enterprise over the course of eight weeks, making a profit and a difference to the lives of the people around them.

CUMBRIA FIRE SERVICE

Curriculum Links: PSHE: Health & Wellbeing

Location: Face to face @ school

Suitable for: KS1 & KS2

Time required: 2 hours

Cumbria Fire and Rescue Service are currently running virtual Fire Safety talks to all schools across Cumbria. Children and young people can be vulnerable in an emergency situation. Cumbria Fire and Rescue Service strive to minimise the risk to them by delivering a series of workshops suitable for all primary school aged children. The complete list of workshops are listed below (please note that some workshops are specific to certain times of the year):

- General Fire Safety Talk
- The Great Fire of London Talk
- Dangers on Thin Ice - KS1 and KS2 versions available
- Bonfire Night Safety
- Bonfire Night Fireworks Bright Sparx KS2
- CPR workshop for Y6

DOOSAN | DREAM JOB SESSION

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams / Relationships - teamwork and DT: Design – Construction and structures

Location: Face to face @ school

Suitable for: KS2

Time required: 2 hours

Workshop about the best jobs in the world, the top jobs that children want to do, the most dangerous jobs in the world and the jobs that might be done by robots in the future. It has a very slight bias towards engineering and particularly girls in engineering. It is followed by a Lego session where the children have to build the tallest tower they can in 20 minutes (but ask them to stop after 15 minutes and to build the tower holding a sweet/Kinder Egg on top – to demonstrate a 'change in project' specification), this is a soft introduction to team working, communication skills (a big agenda for children), and creativity.

PHUNKYFOODS | INSPIRING HEALTHY SCHOOLS, INSPIRING HEALTHY FUTURES

Curriculum Links: PSHE: Health & Wellbeing

Location: Face to face @ school (or remotely via email, zoom and telephone). Free to all schools across the former Copeland and Allerdale areas

Suitable for: KS1 & KS2

Time requirement: 2 hours

PhunkyFoods have recently celebrated 15 years of working with UK primary schools, helping to deliver a whole-school approach to healthy lifestyles and engaging with pupils and their families to promote tangible health behaviour changes. The programme includes healthy lifestyle curriculum activities, lesson plans, resources and parent engagement as well as training and support covering:

- PhunkyFOOD – healthy eating and cooking/food preparation skills
- PhunkyFIT – physical activity
- PhunkyMINDS – emotional health and wellbeing like mindfulness, feelings and resilience

Website Link: www.phunkyfoods.co.uk

PhunkyFoods is an award-winning early years and primary school programme of healthy lifestyle curriculum activities, lesson plans and resources. They are FREE in your area and are offering fun activities around healthy eating, fitness, mental health and wellbeing.

SELLAFIELD'S EDI NETWORKS

Curriculum Links: PSHE: Living in the wider world/ Relationships

Suitable for: KS1 & KS2

They are keen to support primary schools with, for example, raising awareness of autism, relationships, respecting differences between people, mental health – they would like to support but would like specific requests from schools.

Please get in touch if you would like to arrange a workshop with this network.

HELEN HARALDSEN | CUMBRIAN CHILDREN'S AUTHOR

Curriculum Links: English, PSHE: Being me in my world and hopes and dreams, mental health & wellbeing

Location: Virtual or face to face. Note there are costs associated with booking an author visit.

Suitable for: KS2 & Y2

Helen Haraldsen is a children's author, English teacher at Keswick School and former school librarian. Helen offers in-person or virtual author visits to give pupils the experience of meeting a 'real life' author and help them find what they enjoy reading and writing to grow their confidence and enjoyment of literacy activities.

What's on offer:

- Whole school assemblies to share the story of how Helen's limiting beliefs of 'people from West Cumbria can't become authors' held her back from achieving her dream of a career in writing.
- KS2 presentation about Helen's books and author journey which includes how she uses English, maths and IT to run her author business.
- Quiz on animal characters from fiction (KS2).
- Writing workshops (KS2).
- Full day 'write, edit and market a book' workshop for Upper KS2
- Behind-the-scenes of her book, 'A Tale of Two Shoes' plus writing activity for Year 2. This activity is related to recycling and our responsibilities towards litter.
- Follow up activities to use after a visit are provided.

KAEFER | ANIMAL ME

Curriculum Links: Health & Wellbeing

Location: Face to face or virtual @ school

Suitable for: KS1 & KS2

Time required: 1-2 hours

Run by Kaefer, students learn how to recognise individual strengths and personalities. Students, employers and the teachers will take a personality test to find which of six animals they are, each animal has five personality traits and suggested careers. This shows how we can use our strengths and personalities effectively in school or in the workplace and how we interact with those around us.

This event can be combined with the Kaefer Careers Aspirations session.

IDEAL ME

Curriculum Links:

Location: Face to face @ school

Suitable for: Y6

Allows each pupil to create a vision for their future and to start to develop an idea about their plans to get there.

MARYPORT RESCUE

Curriculum Links: PSHE (Sea, river, water safety)

Location: School & Station Visits

Suitable for: All ages

Time required: 1-1.5 hours

Independent Lifeboat, Flood, Swiftwater, Search & Rescue, and Drone Rescue.

They operate two lifeboats covering the Solway Firth and have a team of 30 trained members. Their team specialises in searching for missing and vulnerable persons and is also registered with DEFRA to respond to flood and localized flooding incidents.

Station Visits: Children will have the opportunity to see all the lifeboats, a Land Rover, and a wide range of rescue equipment.

School Visits: The team can bring a Land Rover, a small boat, and equipment to schools, where they talk about sea safety, as well as safety around rivers and lakes.

They will also demonstrate and explain their equipment, such as life jackets, drysuits, and helmets, along with the reasons for wearing PPE.

If the weather permits, children may get to see the Land Rover and boat outside. Depending on the time available, there may also be an opportunity to practice radio communication using the phonetic alphabet—always a fun activity for the children.

WHO DOES THIS?

Curriculum Links: PSHE: Living in the wider world – Being Me in my world & Hopes and Dreams

Location: Face to face @ school

Suitable for: Y4

Allows exploration of the world of work at an earlier age than is often the case and in a simple and non-threatening way. The children get to meet positive role models that break down these gender stereotypes.

IMAGINATION GAMING CODING NINJAS

Curriculum Links: : Coding, Maths, PSHE, Problem Solving

Location: Face to face @ school

Suitable for: Y5/6, full classes

Time Required: Choose a Morning or Afternoon Session

This coding workshop introduces pupils to programming principles through specially designed games that make learning feel effortless. Ideal for Years 5 and 6, the session uses interactive, hands-on activities to develop problem-solving skills and boost students' confidence in coding. The engaging approach ensures that pupils grasp key coding concepts while having fun.

IMAGINATION GAMING SOLUTION SQUADS

Curriculum Links: Maths, PSHE, Problem Solving

Location: Face to face @ school

Suitable for: Y2/3/4/5/6, full classes

Time Required: Choose a Morning or Afternoon Session

This interactive maths workshop transforms learning into a fun and engaging experience through a variety of tabletop games. Designed for Years 2 to 6, students participate in both cooperative and competitive challenges that build mathematical reasoning and problem-solving skills. Each activity is tailored to different ability levels, ensuring every child can enjoy and benefit from the session.

IMAGINATION GAMING FUN GAMES DAYS

Curriculum Links: Maths, Literacy, PSHE

Location: Face to face @ school

Suitable for: FS, Y1/2/3/4/5/6, full classes

Time Required: Choose a Morning or Afternoon Session

This event brings a day of interactive learning through games that promote teamwork, cooperation, and engagement. Suitable for Foundation Stage to Year 6, the activities blend maths, literacy, and PSHE, offering a unique and enjoyable learning experience. Teachers also gain insights into using games as a tool to enhance student engagement in the classroom.

IMAGINATION GAMING MAD SCIENTISTS WORKSHOP

Curriculum Links: PSHE, Maths, Problem Solving, Critical Thinking

Location: Face to face @ school

Suitable for: Y4/5, full classes

This hands-on workshop introduces pupils to the world of business by challenging them to create and market extraordinary inventions. Working in teams, students take on roles in buying, selling, accounting, and marketing, developing their problem-solving and critical-thinking skills. Designed for Year 4 and 5, this engaging session encourages teamwork and inspires a passion for entrepreneurship.

IMAGINATION GAMING STORY CUBES DIARIES

Curriculum Links: PSHE, English, Creative Writing

Location: Face to face @ school

Suitable for: Y4/5/6, full classes

Time Required: Choose a Morning or Afternoon Session

This creative writing workshop uses randomised story elements to spark students' imaginations and enhance their literacy skills. Suitable for Years 4 to 6, it encourages storytelling in a fun, collaborative environment where pupils develop their writing skills through interactive learning. The session makes writing an exciting adventure, helping students build confidence and creativity.

**For more information and prices
on any of the resources on this
page please visit:**

www.imaginationgaming.co.uk

**or call Nicola on
07943 682456**



ENGLISH

READING CHAMPIONS

Curriculum Links: English: Spoken Language/ Reading

PBP find volunteers to come into school and help the children with their reading.

CUMBERLAND COUNCIL | BOOK OR ARTIFACT BOXES

Curriculum Links: English

Suitable for: EYS, KS1 & KS2

Order tailored book boxes for early year settings, primary and special schools.

Early year settings

Early year settings includes private nurseries and children centres.

You can order:

- Artefact boxes aimed at Key Stage 1 and below
- Tailored topic boxes

You can also book the Book Bus!

Special schools

Tailored topic boxes for:

- High interest and low ability reading
- Children who prefer sensory books

You can also order Bag Books that are interactive to allow children to use their senses while following a story.

Contact Library Services for Schools:

- library.servicesforschools@cumberland.gov.uk
- 01228227277

HELEN HARALDSEN | CUMBRIAN CHILDREN'S AUTHOR

Curriculum Links: English, PSHE: Being me in my world and hopes and dreams, mental health & wellbeing

Location: Virtual or face to face. Note there are costs associated with booking an author visit.

Suitable for: KS2 & Year 2

Helen Haraldsen is a children's author, English teacher at Keswick School and former school librarian. Her mission in life is to inspire young people to love reading and writing so that they have the literacy skills they need to access life's opportunities: being Lit Fit for Life! Helen offers in-person or virtual author visits. The aim of a primary school visit is to give pupils the experience of meeting a 'real life' author and help them find what they enjoy reading and writing to grow their confidence and enjoyment of literacy activities. What's on offer:

- Whole school assemblies to share the story of how Helen's limiting beliefs of 'people from West Cumbria can't become authors' held her back from achieving her dream of a career in writing for decades.
- KS2 presentation about Helen's books and author journey which includes how she uses English, maths and IT to run her author business.
- Quiz on animal characters from fiction (KS2).
- Writing workshops (KS2).
- Full day 'write, edit and market a book' workshop for Upper KS2.
- Behind-the-scenes of her book, 'A Tale of Two Shoes' plus writing activity for Year 2. This activity is related to recycling and our responsibilities towards litter.
- Follow up activities to use after a visit are provided.

SCOTT FINDLAY CUMBRIAN CHILDREN'S AUTHOR | THE AMBITIOUS PLONKER BOOK CLUB

Curriculum Links: PSHE: Being me in my world and hopes and dreams - Living in the wider world - Health & wellbeing

Location: Face to face @ school or live event. Please note there are costs associated with booking these sessions.

Suitable for: EYFS, KS1 & KS2 (nursery to Y6)

Time required: 1-1.5 hours

Scott Findlay is the creative founder of The Ambitious Plonker Book Club, which is the foundations to what will be a series of books for both children and adults to read and take inspiration from. Not only is he a children's author, but he is also on a journey to reach out and inspire as many people as possible to live their best life, hence the statement, becoming an ambitious plonker. So, what is an ambitious plonker? This is someone that is always striving towards their dreams, whilst not forgetting to have some fun along the way. If you choose to have Scott visit your school or event, rest assured he will bring not only meaningful value to the sessions, but also plenty of fun entertainment. Each session can be tailored to the needs of the children. Some examples of what to expect are:

- An assembly introduction about Scott and his journey
- Classroom sessions, where Scott can introduce and read one of his books to the children
- Talking sessions on the importance of reading books and what it's like to be creative
- Q&A session on what it's like to be an author and create books
- Starter story and character creator workshop
- Fun classroom games
- Dinner hour games in the playground, where Scott will emphasize on having fun
- A step by step session on how Scott created and published his first book (suited more towards year 5/6 students)

For more information please visit
www.ambitiousplonker.com

TALE TRAILS | FUN, LOCAL STORY WALKS FOR CHILDREN AND THE YOUNG AT HEART

Curriculum Links: English – Creative writing. Art: Design & illustration. Science: Living things and their habitats. Geography – Physical geography/mapping. PSHE: Living in the wider world – Being me in my world and hopes and dreams, health & wellbeing

Suitable for: EYS, KS1 & KS2

This 45-minute session involves an introduction to creative writing and how Tale Trails are designed, including mapping a local walk, local folklore, wildlife and heritage, and creating fictional characters.

Please note this session comes with a £1 per pupil printing cost for the maps needed.

JOURNEY INTO THE LAKES

Curriculum Links:

- Literacy: Spelling, reading, writing
- Geography: Reading and using maps
- Maths: Numeracy
- PSHE: Living in the wider world, Identifying and practicing skills for success.

Location: Face to face @ school. Please note there are costs associated with booking these sessions.

Suitable for: Y5/Y6

Time required: 2 hours

'Journey into the Lakes' promotes high standards of language and literacy by combining a series of tasks that encourage the use of reading and spoken language to ensure team success, all while developing students' love of literature through reading for enjoyment. Students will be taken through a series of fun interactive tasks that require listening, speaking and teamwork skills.

The initial tasks will require students to revisit a range of skills through reading a range of texts from maps to bus timetables, to reach their destination in the lakes – Dove Cottage in Grasmere. Students will then gain comprehension of a canonised poem through the reciprocal reading approach, before exploring the text further through dramatic performance of Wordsworth's Daffodils.



PHUNKYFOODS | BREAD MAKING WORKSHOPS

Curriculum Links: Maths: Addition and subtraction/ multiplication and division/ measurement (weights and measures) / Ratio and proportion. Design and Technology: Cooking and nutrition. PSHE: Health & Wellbeing

Location: Face to face or virtual @ school

Suitable for: KS1 & KS2

Time required: Depends on delivery, needs time to prove but this can continue at home.

During the workshop the class will make their own bread rolls.

KS1 Aims:

- Have fun and introduce the children to new and enriching experiences
- Understand the correct tools to measure weights and volumes
- Understand the standard units for measuring weight (kg/g) and volumes (litres/ml)

KS2 Aims:

- Be able to add and subtract weights and volumes
- Convert between different measurements (kg to g and l to ml)

KAEFER | SCAFFOLD THE WORLD

Curriculum Links: Geography and Maths

Location: Face to face @ school

Suitable for: KS2 (can also be adapted for KS1)

Time requirement: All day

Students go through the tender process of a scaffolding project looking at different job roles at KAEFER. This fun and interactive session involves: Geography quiz, scaffolding design, percentages worksheet, purchasing materials, budgeting, health and safety, and construction. This provides the children with the following learning outcomes:

- Teamwork
- Communication
- Understanding of job roles

This is a one-day session but can be split into smaller sessions.

ST BEES SCHOOL | FUSION MATH'S ROADSHOW

Curriculum Links: Maths, Problem Solving.

Location: In your school

Suitable for: KS2

Time requirement: 1 hour

Join St Bees School for a 45-minute classroom session packed with fun and engaging maths challenges! Designed to showcase the excitement of problem-solving, our activities cater to Year 5 and 6 students and vary in difficulty. Discover how maths can be both entertaining and educational.

ARMSTRONG WATSON | MONOPOLY WORKSHOP

Curriculum Links: Maths: Number and Place value/ Addition & Subtraction / Multiplication and Division/ Fractions. PSHE: Living in the wider world/ Relationships – team work

Location: Face to face @ school

Suitable for: KS2

Time requirement: 2 hours

A session with year 6 children based round a monopoly board talking about profit, loss and accounting. Run by Armstrong Watson, this enables students to understand the links between what they learn at school during maths and requirements and skills required to become an accountant or financial advisor.

CUMBRIA TRADERS

Curriculum Links: Maths, Numeracy & Geometry, Problem Solving & Teamwork

Location: Face to face @ school

Suitable for: KS2

Time required: 2 hours

Cumbria Traders is a team-based strategy workshop themed on the diverse industries of Cumbria. The class aim is to grow the Cumbrian economy into a thriving and sustainable region, but this can only be achieved through cooperation between teams. A giant construction and resource map is used to emulate progress.

Teams should also look to become their own masters of industry and gain a financial edge, achieved through careful planning, negotiation, and entrepreneurship.

Traders aims to align with curriculum specific learning outcomes; develop soft skills essential to business; provide insight into how projects are managed; and demonstrate the dynamics of the local economy.

CONTRACT TO CUBE-IT

Curriculum Links: Maths: Number and Place value/ Addition & Subtraction / Multiplication and Division/ Fractions/ Measurement / Geometry. DT: Design – Construction and structures. PSHE

Location: Face to face @ school

Suitable for: KS2

Time requirement: 2 hours

The aim of this practical activity is for learners to recognise and simulate how businesses add value and speculate wealth. Aside from the business context, the activity itself is rich in mathematical skills: Manipulation of 3D shape and use of surface area, evaluating information, planning, organising and formulating a strategy, costing, pricing, buying, selling and resource management.

NEW | NUCLEAR WASTE SERVICES

Curriculum Links: Science & Maths

Location: School

Suitable for: Y5 & Y6

Time requirement: 2 hours

Availability: 2 sessions per month.

Nuclear Waste Services was created with the vision and purpose to make nuclear waste permanently safe, sooner. Our mission is to become the 'one-stop shop' for all radioactive waste management and disposal solutions for the UK.

Nuclear Waste Services have created 2 STEM workshops.

- **Rocks, Fossils and Soils – (porosity and permeability)**
- **Energy, Waste and Environment**

Each session we provide a short animation film, a workbook with stickers and will involve an experiment for the children to be involved with. We will provide all the equipment needed for each session.

Rocks, Fossils and Soils:

- Learn about the 3 main types of rocks
- Metamorphic rock - Hand around the Slate & Marble
- Igneous rock - Hand around the Granite & Pumice
- Sedimentary rock - Hand around the Limestone & Sandstone

Energy, Waste and Environment:

- Learn about non-renewable and renewable energy
- Explore waste and recycling



COMPUTING

SELLAFIELD | GET WIRED AN INTRODUCTION TO CIRCUITS AND PROGRAMMING

Curriculum Links: Computing and Science

Location: Face to face @ school

Suitable for: KS2 (max 30 pupils)

Time requirement: 2 hours per workshop

The successful Get Wired...Get Coding workshop was created by the Women in Operational Technology Group at Sellafield to introduce pupils to circuits, programming and computer safety. The group can offer two sessions per month excluding December, May and August – this is a hands-on activity and will need the volunteers to come into school to deliver. By the end of this activity the children will:

- Understand simple circuits utilising Hot Wires activity.
- Understand a computers inputs and outputs.
- Understand the aspects of a control system.
- Utilise Botley robot to code simple instructions.
Note: we are changing to Lego Education Spike once the kits arrive.
- Understand the basics of computer safety.

ATKINS | ROBOT WORKSHOPS


Curriculum Links: Science, Technology, Engineering

Location: Face to face @ school

Suitable for: EYFS/KS1/KS2

Availability: Limited – one session on the last Friday of the month.

Within the nuclear industry we are seeing more and more robots deployed to augment the workforce to make things safer. Sellafield and Atkins have been collaborating in the deployment of mobile robotics to aid in cell clean up. Tomorrow's workforce will be using robotics to carry out tasks currently done by hand. We will bring one of our quadrupedal robots to demonstrate to the children, talk about why we use robots and to show that a career in robotics is achievable in West Cumbria.



PHYSICAL EDUCATION

WHITEHAVEN HARBOUR YOUTH PROJECT

Curriculum Links: Science: (understanding about the environment and plastic pollution via the Seabin project) – Everyday materials/ Living things and their habitats / Working scientifically / Animals. Physical Education

Location: Whitehaven Harbour, the local area, some activities can be run in school. Please note that some activities are free but others have costs depending on number of instructors required. All equipment is provided.

Suitable for: KS2

Time requirement: 1 hour to a full school day

WHYP offer a variety of both outdoor and indoor activities:

- Indoor: Climbing/bouldering or archery inside our sports hall, or sports like table tennis and 5-a-side, badminton, etc.
- Outdoor in Whitehaven Marina: Canoe/Kayak/Paddle boarding and an environmental project around Seabins
- Outdoor in Lake District: Climbing, ghyll scramble or undertake expeditions like Duke of Edinburgh's Award or overnight residential in tents. Wild swimming and water safety

The main aims of these activities are around:

- Teambuilding, outdoor learning, adventure, along with sport
- The natural environment and plastic pollution in our seas and oceans is a project the WHYP are running within the local marina



HISTORY

CARLISLE CASTLE

Curriculum Links: History: Local History Study/

Roman Empire/1066 and beyond

Location: Carlisle Castle

Suitable for: KS1 & KS2

Time requirement: Day trip to Carlisle Castle

Carlisle Castle provides primary schools with free access if the visit is self-led. Costs are if expert-led workshop is required.

Carlisle Castle is a unique place to help you bring your pupils' history to life. Discover the most besieged castle in England and let your class explore as part of a free self-led visit or interact with stories and artefacts as part of an immersive expert-led workshop.

A visit to Carlisle Castle will inspire your pupils and bring your teaching to life.

Free downloadable Teachers Kit to accompany self-led tour: https://www.english-heritage.org.uk/siteassets/home/visit/places-to-visit/carlisle-castle/school-visits/carlisle-castle-teachers-kit_2023.pdf

Bookable via the email below: bookeducation@english-heritage.org.uk

THE SCIENCE VIKING | TERRY HARVEY-CHADWICK

Curriculum Links: History

Location: Terry provides historical visits both in schools and at the Moorforge Viking Settlement.

Suitable for: Y3+

Time requirement: 1 hour

Moorforge Viking Settlement:

At Moorforge, young people will learn what it was like to live on a Viking farmstead.

In School:

In schools, Terry uses a range of activities to give children a Viking experience:

- Viking and Anglo-Saxon days
- STEM resources that link into the Vikings topic
- STEM focussed days
- Science of the Vikings talk/show – this 1hr talk can be repeated to different year groups during a day. It can focus on weapons used by Vikings or can more broadly cover Viking history and technology.

Terry also includes scientific and technological aspects of life in Viking times, such as the physics of weapons.



SCIENCE

ROBOT WORKSHOPS

Curriculum Links: Science, Technology and Engineering

Location: Face to face @ school

Suitable for: EYFS/KS1/KS2

Availability: Limited – one session on the last Friday of the month.

Within the nuclear industry we are seeing more and more robots deployed to augment the workforce to make things safer. Sellafield and Atkins have been collaborating in the deployment of mobile robotics to aid in cell clean up. Tomorrow's workforce will be using robotics to carry out tasks currently done by hand. We will bring one of our quadrupedal robots to demonstrate to the children, talk about why we use robots and to show that a career in robotics is achievable in West Cumbria.

SELLAFIELD | EARTH AND SPACE WORKSHOPS

Curriculum Links: Science

Location: Face to face @ school

Suitable for: Y5

Availability: Limited sessions available. Sessions run for 2 hours.

Y5 Earth and Space workshops. These exciting sessions are delivered by Dawn Watson (Head of Strategy & Technical at Sellafield) they cover Earth, Sun & Moon designed for Y5. The session will be held in the classroom with Q&As, interactive activities, making a model and a quiz.

GSK | ULVERSTON

Curriculum Links: Science: States of Matter/ Properties and changes of materials – Elephants Toothpaste. Science: Animals – including humans – Smart Medicine

Location: For Millom schools only @ school

Suitable for: KS1 & KS2

Time requirement: 2 hours

Elephant Toothpaste: Using Science to wow the crowd, the class get to create a giant foaming reaction. With just a few ingredients you can make something that looks like foamy toothpaste being squeezed from a tube, but so big that it looks almost fit for an elephant!

Smart Medicine: The most common type of medicine is taken in the form of a pill. But when you take any type of medicine, it's important that the drug is released at the right time in the right part of the body. If the active ingredient - the bit that makes you feel better- is released too early, it will dissolve before it gets to the right location. But, if it is released too late, it could pass out of your system. It is therefore extremely important that when one of our patients takes a product, the desired effects are achieved. During this exercise you will be working together as part of a team to develop a new 'smart' medicine.

SELLAFIELD | GET WIRED AN INTRODUCTION TO CIRCUITS AND PROGRAMMING

Curriculum Links: Computing and Science

Location: Face to face @ school

Suitable for: KS2 (max 30 pupils)

Time requirement: 2 hours per workshop

The successful Get Wired...Get Coding workshop was created by the Women in Operational Technology Group at Sellafield to introduce pupils to circuits, programming and computer safety. The group can offer two sessions per month excluding December, May and August – this is a hands-on activity and will need the volunteers to come into school to deliver. By the end of this activity the children will:

- Understand simple circuits utilising Hot Wires activity.
- Understand a computers inputs and outputs.
- Understand the aspects of a control system.
- Utilise Botley robot to code simple instructions.
Note: we are changing to Lego Education Spike once the kits arrive.
- Understand the basics of computer safety.

NFU | FARMING STEMTERPRISE

Curriculum Links: Science: Living things and their habitats/Animals/ Plants/ Working scientifically / Seasonal Changes. PSHE: Health & Wellbeing

Location: School

Suitable for: KS1 & KS2

Time requirement: Run as online projects and teacher-led lesson plans

A range of free, engaging cross-curricular STEM and enterprise projects for primary school children. Farming STEMterprise has been designed with three main goals in mind: to save teachers time and reduce workload; to spark learners' passion and enthusiasm for STEM subjects, and to convey important messages about food and nutrition through a cross-curricular, project-based approach. Farming STEMterprise enables teachers to deliver the core content from the national curriculum whilst developing learners' soft skills such as public speaking and team work, as well as vital life skills such as healthy eating, knife proficiency and financial literacy.

Resources consist of six projects, one for each year group, plus an additional five KS1 lesson plans, and all associated resources for each primary year group. All are free to download from the NFU Education website: www.nfueducation.com/stemterprise.

OAK TREE ANIMALS' CHARITY | ANIMAL WELFARE AND LOOKING AFTER PETS (PSHE)

Curriculum Links: Science: Animals including humans/ Living things and their habitats. PSHE: Health & Wellbeing/Living in the wider world/Relationships

Location: Face to face @ school or @ Oak Tree or Teacher led (online resources)

Suitable for: EYFS, KS1 & KS2

Time required: Depends on activity

As Cumbria's largest independent animal welfare charity, Oak Tree Animals' Charity are the leading provider of education and community support regarding pets in the local area. They offer workshops to primary schools on responsible pet ownership and safety around dogs, available at a time to suit you. These are very popular workshops carried out at schools all over the local area. Specially formulated for younger pupils, the workshops are very interactive and get the kids up and involved in games and activities to educate in a fun and memorable way. These sessions can be offered to schools in the former Allerdale or Copeland areas, in person or virtually.

Oak Tree Animals' Charity have also developed a series of online free teaching resources:

- EYFS – 2 lesson plans available: Looking after a pet & Understanding pets
- KS1 & KS2 – 3 lesson plans available: Daily needs of animals (5 to 7 year olds), Keeping animals safe (7 to 9 year olds) and Taking responsibility for pets (9 to 11 year olds)

Link to website:

<https://www.oaktreeanimals.org.uk/about.html>

RADIOACTIVE WASTE MANAGEMENT | CHANGES OF STATE

Curriculum Links: Science: Properties and changes of materials/States of matter

Location: Virtual @ school

Suitable for: KS1 & KS2

Time requirement: 1 hour per workshop

RWM have developed 2 workshops around the states of matter programme of study to introduce the difference between solids, liquids and gases and changes in state.

The RWM STEM Ambassadors can deliver this workshop virtually but will require the school to provide a few simple props, e.g: ice, balloon, vinegar, baking powder, chocolate buttons(!), so that the children can carry out the experiments.

WEST CUMBRIA RIVERS TRUST

Curriculum Links: Science:

- Use classification keys to help identify and name a variety of living things in their local environment
- Explore examples of human impact on the environment
- Identify and group animals (vertebrates and invertebrates)
- Construct and interpret food chains (identifying producers, predators and prey)
- Insect life-cycles
- Identify how animals and plants are adapted to their environment
- Recognise that environments can change and that this can sometimes pose dangers to living things

Location: School and various field work locations in West Cumbria

Suitable for: KS2 (can be adapted for KS1)

Time required: 2 days

West Cumbria Rivers Trust is an environmental charity dedicated to protecting, restoring and improving the rivers and lakes of West Cumbria for the benefit of wildlife and the people living and working around them. Our dedicated and passionate team work hard all year round partnering with landowners, farmers, organisations, local businesses, schools and communities to deliver for rivers and inspire a love for and understanding of our waterways.

Note: The WCRT work with schools across West Cumbria. They take bookings throughout the year but spaces are limited and fill up quickly. The service is free, but schools need to arrange their own transport.

Examples of what WCRT may be able to offer:

- Curriculum-based learning
- Wildlife clubs
- Forest School
- Practical conservation tasks
- Support with school grounds
- Career talks

Wild River Days: A two-day programme with a full day in the classroom and a full day field-trip to learn about West Cumbria's rivers. Learn about the different parts of a river, the freshwater wildlife that lives in and around them, and investigate the human impacts on rivers. If required we can adapt this session to KS1 or offer a shorter programme.

WORKINGTON NATURE PARTNERSHIP

Curriculum Links: Science: Plants / Animals / Living things and their habitats / plus others

Curriculum Links: Science: Plants / Animals / Living things and their habitats / plus others

Location: Harrington Nature Reserve, Siddick Ponds or some activities can be run at school.

Suitable for: KS1 & KS2

Time requirement: Depends on workshop

Workington Nature Partnership provides a great opportunity for students of all ages and abilities to get involved.

They offer free sessions at Harrington Nature Reserve and Siddick Ponds:

- Pond dipping
- Bug hunting
- Making mini beast hotels
- Litter picks
- Beach cleans
- Pond, meadow and woodland exploring
- Forest schools

Plus, many more... they can cover whichever topics you are covering in science (living things/habitats etc) or do other activities or subjects outside, for example, in the past they have done all kinds from building Viking homes in the woods to the 3 Little Pigs with nursery children.

LOW GILLERTHWAITE FIELD CENTRE

Curriculum Links: Various curriculum links

Location: Ennerdale Valley, Lake District National Park

At Low Gillerthwaite Field Centre, located in the picturesque Ennerdale Valley within the Lake District National Park, we specialise in creating impactful educational experiences that connect students of all ages with the natural world. Our facility offers both classroom spaces for day use and cosy hostel accommodations for longer stays, making it the perfect setting for a variety of educational activities. From day-long workshops to extended residential programs, we're equipped to enhance learning with the beauty of the outdoors.

Lesson plans can be created for day visits based around your needs for approx £70 and the chance of FREE transport, please enquire.

THE SCIENCE VIKING | TERRY HARVEY-CHADWICK

Curriculum Links: History

Location: Terry provides historical visits both in schools and at the Moorforge Viking Settlement.

Suitable for: Y3+

Time requirement: 1 hour

Moorforge Viking Settlement:

At Moorforge, young people will learn what it was like to live on a Viking farmstead.

In School:

In schools, Terry uses a range of activities to give children a Viking experience:

- Viking and Anglo-Saxon days
- STEM resources that link into the Vikings topic
- STEM focussed days
- Science of the Vikings talk/show – this 1hr talk can be repeated to different year groups during a day. It can focus on weapons used by Vikings or can more broadly cover Viking history and technology.

Terry also includes scientific and technological aspects of life in Viking times, such as the physics of weapons.

STEM AMBASSADORS

Curriculum Links: Science, D&T, Maths

Location: Face to face @ school

Suitable for: ALL

We've got lots of volunteers who want to get involved – we could put them in touch with Science Leads to organise some activities.

NEW | NUCLEAR WASTE SERVICES

Curriculum Links: Science & Maths

Location: School

Suitable for: Y5 & Y6

Time requirement: 2 hours

Availability: 2 sessions per month.

Nuclear Waste Services was created with the vision and purpose to make nuclear waste permanently safe, sooner. Our mission is to become the 'one-stop shop' for all radioactive waste management and disposal solutions for the UK.

Nuclear Waste Services have created 2 STEM workshops.

- **Rocks, Fossils and Soils – (porosity and permeability)**
- **Energy, Waste and Environment**

Each session we provide a short animation film, a workbook with stickers and will involve an experiment for the children to be involved with. We will provide all the equipment needed for each session.

Rocks, Fossils and Soils:

- Learn about the 3 main types of rocks
- Metamorphic rock - Hand around the Slate & Marble
- Igneous rock - Hand around the Granite & Pumice
- Sedimentary rock - Hand around the Limestone & Sandstone

Energy, Waste and Environment:

- Learn about non-renewable and renewable energy
- Explore waste and recycling



PHUNKYFOODS | BREAD MAKING WORKSHOPS

Curriculum Links: Maths: Addition and subtraction/ multiplication and division/ measurement (weights and measures) / Ratio and proportion. Design and Technology: Cooking and nutrition. PSHE: Health & Wellbeing

Location: Face to face or virtual @ school

Suitable for: KS1 & KS2

Time required: Depends on delivery, needs time to prove but this can continue at home.

During the workshop the class will make their own bread rolls.

KS1 Aims:

- Have fun and introduce the children to new and enriching experiences
- Understand the correct tools to measure weights and volumes
- Understand the standard units for measuring weight (kg/g) and volumes (litres/ml)

KS2 Aims:

- Be able to add and subtract weights and volumes
- Convert between different measurements (kg to g and l to ml)

PHUNKYFOODS | INSPIRING HEALTHY SCHOOLS, INSPIRING HEALTHY FUTURES

Curriculum Links: PSHE: Health & Wellbeing

Location: Face to face @ school (or remotely via email, zoom and telephone). Free to all schools across the former Copeland and Allerdale areas

Suitable for: KS1 & KS2

Time requirement: 2 hours

PhunkyFoods have recently celebrated 15 years of working with UK primary schools, helping to deliver a whole-school approach to healthy lifestyles and engaging with pupils and their families to promote tangible health behaviour changes. The programme includes healthy lifestyle curriculum activities, lesson plans, resources and parent engagement as well as training and support covering:

- PhunkyFOOD – healthy eating and cooking/food preparation skills
- PhunkyFIT – physical activity
- PhunkyMINDS – emotional health and wellbeing like mindfulness, feelings and resilience

Website Link: www.phunkyfoods.co.uk

PhunkyFoods is an award-winning early years and primary school programme of healthy lifestyle curriculum activities, lesson plans and resources. They are FREE in your area and are offering fun activities around healthy eating, fitness and mental health and wellbeing.

BUILD A BRIDGE | JACOBS / BALFOUR BEATTY

Curriculum Links: All areas of the curriculum

Location: Face to face @ school

Suitable for: KS2

Time requirement: 2 hours

This hands-on workshop promises to be great fun. Bridges are something that engineers working for Kier build a lot of. The aim will be to work in teams to build a bridge using a range of materials. The bridges are then put through their paces, testing their durability using a variety of weights. The team that builds the strongest bridge will be the winner. The judges will also be looking at other skills, such as team work, communication and leadership.

CONTRACT TO CUBE-IT

Curriculum Links: Maths: Number and Place value/ Addition & Subtraction / Multiplication and Division/ Fractions/ Measurement / Geometry. DT: Design – Construction and structures. PSHE

Location: Face to face @ school

Suitable for: KS2

Time requirement: 2 hours

The aim of this practical activity is for learners to recognise and simulate how businesses add value and speculate wealth. Aside from the business context, the activity itself is rich in mathematical skills: Manipulation of 3D shape and use of surface area, evaluating information, planning, organising and formulating a strategy, costing, pricing, buying, selling and resource management.

KAEFER | SCAFFOLD THE WORLD

Curriculum Links: Geography and Maths

Location: Face to face @ school

Suitable for: KS2 (can also be adapted for KS1)

Time requirement: All day

Students go through the tender process of a scaffolding project looking at different job roles at KAEFER. This fun and interactive session involves: Geography quiz, scaffolding design, percentages worksheet, purchasing materials, budgeting, health and safety, and construction. This provides the children with the following learning outcomes:

- Teamwork
- Communication
- Understanding of job roles

This is a one-day session but can be split into smaller sessions.



Geography

KAEFER | SCAFFOLD THE WORLD

Curriculum Links: Geography and Maths

Location: Face to face @ school

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LOW GILLERTHWAITE FIELD CENTRE

Curriculum Links: Various curriculum links

Suitable for: All ages

Location: Ennerdale Valley, Lake District National Park

At Low Gillerthwaite Field Centre, located in the picturesque Ennerdale Valley within the Lake District National Park, we specialise in creating impactful educational experiences that connect students of all ages with the natural world. Our facility offers both classroom spaces for day use and cosy hostel accommodations for longer stays, making it the perfect setting for a variety of educational activities. From day-long workshops to extended residential programs, we're equipped to enhance learning with the beauty of the outdoors.

Lesson plans can be created for day visits based around your needs for approx £70 and the chance of FREE transport, please enquire.

WEST CUMBRIA RIVERS TRUST

Curriculum Links: Geography:

- Use symbols and a key to build their knowledge of the United Kingdom
- Observe, measure, record and present the human and physical features in the local area using sketch maps and digital technologies
- Describe and understand key aspects of rivers and land use

Location: School and various field work locations in West Cumbria

Suitable for: KS2 (can be adapted for KS1)

Time required: 2 days

West Cumbria Rivers Trust is an environmental charity dedicated to protecting, restoring and improving the rivers and lakes of West Cumbria for the benefit of wildlife and the people living and working around them. Our dedicated and passionate team work hard all year round partnering with landowners, farmers, organisations, local businesses, schools and communities to deliver for rivers and inspire a love for and understanding of our waterways.

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SHIPPING BROW GALLERY | MEET AN ARTIST AND GALLERY VISIT

Curriculum Links: Arts and Design - Evaluate and analyse creative works, using the language of art, craft and design. Know about great artists and understand the historical & cultural development of their art forms. Produce creative work, exploring ideas and recording their experiences.

Location: to face at Shipping Brow Gallery, Maryport
Suitable for: KS1 & KS2 packages available (max 30 pupils)

Time requirement: 2 hours (includes Gallery session & Artist in residence session)

Inspire your pupils with a visit to Shipping Brow Gallery in Maryport! This unique experience includes two 55-minute sessions: exploring art with a facilitator in the gallery and working hands-on with the Artist in Residence. Packages tailored for KS1 and KS2, sessions align with the National Curriculum, fostering creativity, critical thinking, and appreciation for great artists like William Mitchell and Percy Kelly.

At just £150 for up to 30 pupils, the gallery provides all materials needed. Prepare for a fun workshop of discovery, artistic growth, and fun!

[CLICK HERE](#) for more information



Whole Curriculum Resources

ROLLS-ROYCE FREE STEM RESOURCES

Curriculum Links: Maths, Technology, Science, Engineering, Art, Literacy, Physical Development, Communication & Language

Location: School or at home

Suitable for: From EYFS - Y6 (Age 3 - 11)

Rolls-Royce have created a range of free [resources](#) ranging from colouring in sheets to online games, worksheets, and engaging videos. Centred around flight, electricity, recycling and sustainable energy.

Other links:

[Rolls-Royce STEM home page](#)

JACOBS | THE BUTTERFLY EFFECT

Curriculum Links: All areas of the curriculum

Location: Virtual

Suitable for: EYFS, KS1 & KS2

The Butterfly Effect is a programme designed to create lasting behaviour change and habit formation by providing pupils with the knowledge and understanding they need to put sustainability at the heart of every decision they make as the consumers of the future. The programme works with young people every year, over the course of each of their 7 years at primary school.

Easy to follow, themed and fully digital activities encourage fun learning and teachers can tailor activities to suit different pupil needs. Activities are short and there is only one set activity per week, lasting between 15 minutes and 1 hour.

FLORENCE NIGHTINGALE

Location: Pre recorded activity

Volunteers from Business Toolbox Cumbria, Mott MacDonald, Red Pike Education and Sellafield Ltd have developed workshops that take children on a journey which started 200 years ago with the birth of Florence to the current day with the building of the new Nightingale Hospitals used to help with the Coronavirus outbreak. All workshops are pre-recorded and available for your school to use. Sessions include:

- Introduction to Florence Nightingale - PBP
- Coxcomb diagrams workshop (developed by Red Pike Education)
- Design a Nightingale hospital (developed by Mott MacDonald – who built the hospitals)
- History of Infections workshop (developed by Sellafield Ltd)
- Marketing and promoting good hygiene workshop (developed by Business Toolbox Cumbria)
- Letter writing and design an award workshop – PBP
- Lady and the Lamp Lantern Challenge – PBP
- A live Q&A session with healthcare workers – not recorded due to GDPR issues
- Dress up Day

All workshops and lesson plans are available to view on our website.



Spread the Word!

Make sure all teachers know about Primary Business Partnership and utilise this FREE matchmaking service.

Visit our website, sign-up to receive our newsletter and follow us on Facebook to hear about the latest opportunities available for your school.

**www.primarybusinesspartnership.org.uk
[@PrimaryBusinessPartnership](https://www.facebook.com/PrimaryBusinessPartnership)**

Scan the QR code to sign up to our newsletter:



The Primary Business Partnership, delivered by the Centre for Leadership Performance, is fully funded by OneAIM and Sellafield Limited.

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