ICT & e-Learning

Training and courses 2018 - 2019

NORTHUMBERLAND
COUNTY COUNCIL

Contents

This booklet lists a number of courses we are offering themed under five headings;

- the teaching of computing;
- the use of ICT as a tool across the curriculum;
- the management and leadership of ICT;
- using School360, our learning platform and
- online safety and security when using ICT in school.

Our courses are free to schools who are members of ICT SLA 1, for curriculum support.

Schools not part of ICT SLA 1 can send staff, but these will be charged on an individual basis. Courses and SLA's are open to all schools both within Northumberland Education Authority, academies trusts and neighbouring authorities.

Information on our SLA's and on booking courses can be found on the ICT Team website at ngfl.northumberland.gov.uk

Courses are just one element of the support we provide to schools and if you or your staff would like training or support in other aspects of Computing and ICT, please contact either myself or a member of the ICT team.

This year, in order to be more flexible in the training we offer, we are providing a number of different ways teachers and schools can access courses.

These are:

1. You can book on the courses in this booklet for the dates advertised.

2. You can register interest in attending a course and provide your preferred day of the week and venue around county. Once we have 4 requests for a course, we will arrange a date and venue and contact you.

3. You can request a course be run as a twilight at your school for a number of staff (min 4) from your own and neighbouring schools.

4. You can request a course be run at your school as part of a training day.

5. You can request a course be run as part of a partnership training day.

Richard Taylor
ICT & e-learning Adviser

Course Calendar 2018 - 2019

Date	Computing	ICT across the curriculum	Leadership & Management	School360	Online safety & security
Sept 2018	3. Ozobots 5. Teaching Computing with iPads	11. Mystery Lighthouse and Spooky Mansion		19. Parent App	
Oct 2018			13. Using OSMO with iPads creatively in the classroom.	17. Using School360 with EYFS	
Nov 2018	4. Making computer controlled models in the classroom. 6. Teaching Computing in EYFS & KS1	9. Film making and animation with iPads			
Dec 2018					

Date	Computing	ICT across the curriculum	Leadership & Management	School360	Online safety & security
Jan 2019	7. Teaching Computing in KS 2 - an introduction to scratch.			15. Just2easy course	
Feb 2019		12. Using Google in the classroom.			
March 2019				16. Getting the most from School360. 20. Managing Homework and assignments.	
April 2019		14. 3D printer course and loan			

Date	Computing	ICT across the curriculum	Leadership & Management	School360	Online safety & security
May 2019		23. Pupil journals			
June 2019					
July 2019					

Teaching Computing

1. Barefoot Computing
5th July 2018, 4-5pm, Ashington Town hall

Barefoot Computing is a fantastic free bank of lesson plans, activities and resources put together by CAS and BT for Primary teachers.
In this session we will look at key concepts and approaches for delivering the computing curriculum. Colleagues will be shown key resources and how these can be implemented across the school.

2. Sphero SPRK+
School based session

Sphero Edu uses app-enabled robots. Through creative activities, students can learn to program their robots while nurturing their cognitive skills and independent exploration. In this very hands on session we will show you a range of activities and how to access lesson plans and further guidance.
Northumberland LA now have Sphero SPRK+ Power Packs which can be loaned to the school following this session.

3. Practical programming opportunities with Ozobots
18th September 2018, 1-4pm, Ashington Town Hall

Ozobots are fantastic, simple devices for teaching computing to pupils from Key Stage 1 to 3. At their simplest level, pupils draw lines for the Ozobot to follow. This then progresses through colour codes to a full Scratch type programming. Course members will receive a free Ozobot (value £35) and a wealth of ideas and resources to use back in the classroom.

4. Making computer controlled models in the classroom
8th November 2018, 9.00-3.30 pm, Ashington Town Hall

Crumbles are easy to use (and program) control boxes that pupils can plug motors, bulbs and switches into. Great for topics like Fairgrounds, where pupils can build their own devices and write programs to control it. Free crumble, motors and other kit with the course.

5. Teaching Computing with iPad
26th September 2018, 1-4pm, Ashington Town Hall

Coding allows children to be creative, work collaboratively and problem solve - amongst other important transferable skills. In this session we will explore a range of fun and engaging apps which support the delivery of the Computing curriculum. Reception - Year 6?

6. Teaching Computing in EYFS and KS1
14th November 2018, 1-4pm, Ashington Town Hall

A range of resources will be explored including programmable devices, paper based activities, online packages and apps for the iPad. This session will include an introduction to using our class set of Bluebots which can be borrowed by the school following this course.
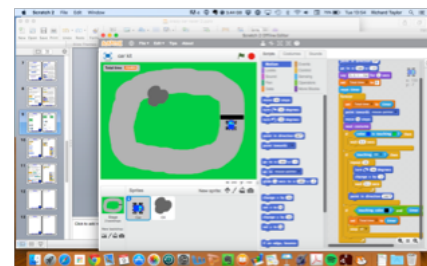
7. Teaching Computing in KS2 - An introduction Scratch
22nd January 2019, 1 - 4pm, Ashington Town Hall

This course is for teachers just beginning to use Scratch. On the course we will build a simple car racing game and also look at other starting points for Scratch in the classroom.

ICT across the curriculum

## 8. Digital Leaders
On request school / cluster session

The Digital Leader initiative is a fantastic way to embed the use of technology in your school while giving your pupils an opportunity to share their passion for technology with others. Wherever possible we organise the day so that a number of different schools attend together. Pupils take part in a range of activities, collecting ideas and learning new skills to use back at school. They will also have the chance to collaborate with pupils from other schools and establish links to continue learning from each other throughout the year.

9. Film Making and Animation with iPad
6th November, 1- 4pm, Ashington Town Hall

The iPad provides a huge range of opportunities to inspire children to write for a purpose. In this session we will explore apps for green screening, website creation, filming news reports and creating eye catching presentations and posters. As part of this creative process children will write scripts, research and create factual news reports, write web content with real life context and create informative presentations linked to your existing topics.
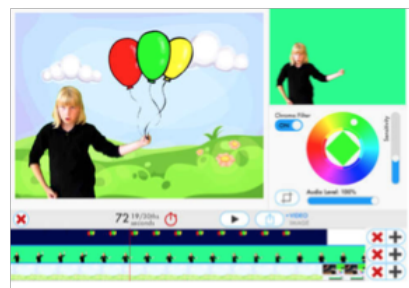
10. Basic animation techniques
27th November, 1- 4pm, Ashington Town Hall

This course will look at a range of simple animation techniques on the iPad and also using laptop and Chrome computers. The session will start with basic 'flipper book' techniques and build on through onion skinning and green screen technology.

11. Mystery Lighthouse and Spooky Mansion
19th Sept (for Halloween) 1 - 4pm, Ashington Town Hall

Mystery Lighthouse and Spooky Mansion are interactive stories/ games on the iPad. The course will explore using it as a focus for creative writing, green screen filming, interactive displays and a wealth of other ideas.

12. Using Google in the classroom
12th February 2019, 4 - 5pm, Ashington Town Hall

This session will introduce Google Docs and Google Slides with a focus on Google Classroom and how this can be used to create, share and mark assignments.

13. Using OSMO with iPads creatively in the classroom
- EY, R, years 1,2,3,4
17th October, 1- 4pm, Ashington Town Hall

OSMO really makes learning fun for pupils. It lets them interact with the iPad using their own drawings and with number counters and letters.

This course will look at a range of activities to support creative writing, numeracy, spelling and STEAM (Science, Technology, Engineering, Art & MATHS.

Schools attending the course will be able to borrow an OSMO kit for 1/2 a term to trial back in school.

14. 3D printing Course and Printer loan
27th Sept 2018, 30th Jan 2019, 1- 4pm, Ashington Town Hall

The 3D printers have been incredibly popular with Primary schools around the County. Come along to the course, learn how to use them and design your own items and then borrow a printer for half a term to use back in school with your pupils.

The printers and design software are very easy to use - get designing those baubles and key rings for the school fair!
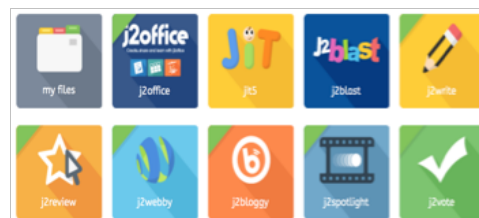
School360 - Learning Platform

15. J2E Course
31st January 2019, 4 - 5pm, Ashington Town Hall

Are you making the most of j2e? Come along to explore the updated resources including j2office, 2jblast - Spell Blaster, j2data and have a refresher of the fantastic possibilities using JIT and j2e5 for cross curricular work.

Encourage parents and pupils to view published work and comment using 2jwebby. Encourage parents to view the school website by adding a link to Pupil Work!

16. Getting the most from School360
7th March 2019, 4 - 5pm, Ashington Town Hall

This course will look at the wide range of resources available in School360. It will provide a great overview for those already using School360 as well as those new to using School360 in the classroom.
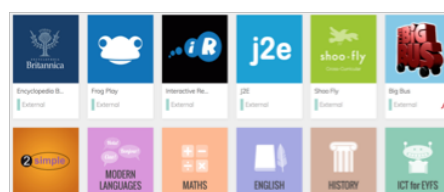
17. Using School360 in the EYFS
3rd October 2018, 4 - 5pm, Ashington Town Hall

Find out about the great new tools we have added to School360 for EYFS. From the simplified pupil log in, to the outdoor learning activities and weblink maker. There are lots of new resources just for EYFS.

18. EYFS Learning Journals
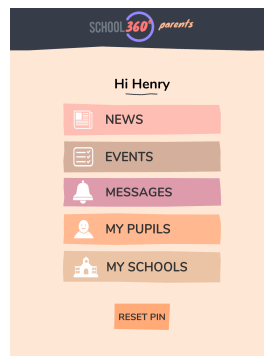**3rd July 2018, 4 - 5pm, Ashington Town Hall**

Find out about the very simple to use EYFS app which has been created so teachers can take photos and add observations to share in an electronic learning journal. Teachers can easily add the EYFS Goals, Monthly bands and Characteristics of learning.
Parents view via their child's simple School360 login and can upload their own observations. Constantly being developed and improved with the help of Northumberland teachers this FREE resource is worth considering as an alternative to Tapestry and 2Build a Profile.

19. Parent App
**23rd Jan 2018, 4 - 5pm, Ashington Town Hall**

A tool for schools to communicate with parents, send news, events, diary dates, individual messages, pupil attendance and rewards.

20. Managing Homework and assignments
19th March, 4 - 5pm, Ashington Town Hall

School360 has some great tools for setting work online for pupils, including Google classroom, Q-files, Frog Play, Maths blaster and Sats Blaster. All can be used both inside and outside school and are available for pupils to access independently.
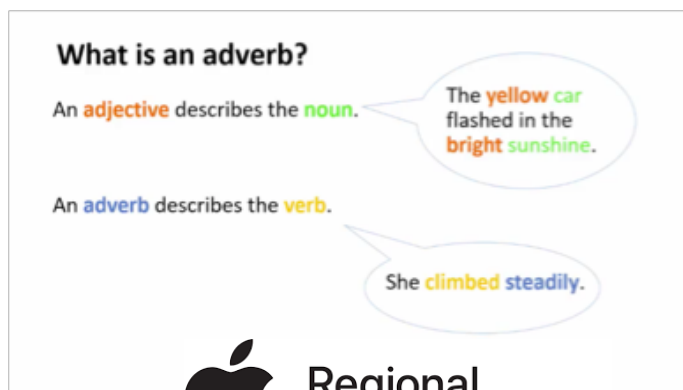
Apple RTC Courses

21. Fostering Creativity with iPad
13th February 2019, 2-3.30pm venue TBC

In this session we will get creative with iPad, we will explore some of the tools that you can use to capture great images and make your own movies, animations, music and digital sketches - tools that can be used in any lesson across the curriculum.

We'll also take a look at how you can share the fantastic things your pupils create so that achievements are enjoyed and celebrated and learning is documented.

22. Accessibility on the iPad
14th March 2019 - 2 - 3.30pm Ponteland Primary School

Small Changes that make a BIG difference - Accessibility on the iPad

Powerful assistive features are built into iPad to complement your vision, hearing, motor skills, learning and literacy to help pupils create, learn, work, play.

This is a session which could really impact learning for pupils who may currently be struggling to read text or to record their ideas.

This session is open to everyone but could be of particular interest to those supporting children 1:1 or in intervention group sessions.

23. Pupil Journals - Sharing Achievement in the Classroom
24th October 2018, venue tbc

This course will explore the importance of providing an audience for pupil work and the positive impact this can have on pupil motivation.

We will focus on Seesaw, a free, pupil led learning journal. Come along to look at key features, set up your own free account and to hear from a school who have been using Seesaw for the last year, who will tell you about the challenges and rewards of implementing the online journal across school.

Further RTC courses will be announced in the Autumn term - if you would like to provide a venue for an Apple RTC event to take place at your school, please let us know!

Leadership & Management

23. Primary computing curriculum review - leading Computing in the Primary curriculum

Planning for continuity and progression presents a challenge for teachers not familiar with coding and computing. This course will look at a range of activities and resources that will help schools build a progressive scheme of work for Computing and the use of ICT across the curriculum.

The ICT team have been busy reviewing all the resources, materials and equipment available for teaching computing in the Primary curriculum and centre based dates will be announced in the Autumn term. Alternatively you could book a school or partnership session for a training day - see below.

24. Whole school training - 1/2 day or day delivered by ICT team

Book the ICT team to run a session at your school - contact us to arrange dates and content.

25. Partnership training 1/2 day or day delivered by ICT team

Book the ICT team to run a session at your school - contact us to arrange dates and content.

Online Safety and Security

28. Online safety - curriculum - current and new resources

School based session

In addition to the CEOP Thinkuknow online safety training on offer through the NSCB Training Unit, the following sessions are available for delivery in school.

Sessions available for delivery in school for organisations in SLA 3, Online Safety

Parent & Carer Online Safety

A session that can be delivered in a 15, 30 or 45 minute time period (depending on time availability) with an emphasis on practical tasks that parents, grandparents and carers can undertake to make children safer when using technology in the home.

Staff & Governor Online Safety Update

A session that can help keep staff up to date with emerging trends and risks in the area of online safety, and make them aware of new resources available from the Safer Internet Centre, the NSPCC and other organisations who actively promote online safety.
This session will look at the latest resources from the Safer Internet Centre, Childnet International, CEOP and other organisations promoting Online child safety for schools and parents, including resources dealing with the issue of 'sexting' and for children with additional needs.

Data Protection

An overview of the current legislation and its practical implications for schools, including ways of securing data through the use of encryption, and managing the requirements of the General Data Protection Regulations.

To book or enquire about any courses in this booklet please contact Julie Keenlyside at

Julie.keenlyside@northumberland.gov.uk

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Great new courses for schools

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Northumberland County Council

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