



Implementing the Teach Computing Curriculum

Session 4: Develop your next steps

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By the end of this session you will be able to:

- Consider retrieval practice in NCCE
- develop a plan for implementing the Teach Computing Curriculum in your school
- access the NCCE wider offer to support your developing curriculum

Modern Retrieval Practice Theory

Learned knowledge is there in long term memory but it is hard to recall it when we need it. **Retrieving knowledge regularly** helps us remember it

Most efficient method of spaced retrieval is as an **expanding sequence**

Retrieved information becomes more easy to retrieve the **more we retrieve it**

Retrieval practice **tests** are more efficient than just rereading information

If pupils are tested on knowledge they **profit** in memory terms from retrieving it

KS1 Example

HIAS MOODLE+ RESOURCE



Vote with your feet



This key makes spaces between words



KS2 Example

Presentation Media

Instructions: Circle the correct view for each person

view



I am making notes to go with each slide.



I am presenting my slide show to everyone else.



I am changing my slides.



Created by Wilson Joseph
from the Noun Project

Created by ic2icon

Action Planning

- make sure 'Goals are manageable, credible and appropriate to the school'
- ensure you develop a clearly defined action plan with support required
- SMART objectives will help to set and manage expectation for change



Year 1 of implementing the curriculum

Understanding the Curriculum now? are there any gaps in learning that need to be addressed? (e.g. never having used the Scratch platform)

What is your current long term plan? Consider:

- have you mapped out the units as per the suggested guide?
- can you look to link to Cross Curricular subjects and use staff knowledge to support this?

Year 2 of implementing the curriculum

Possible ideas for further down the line:

- plan a staff meeting to get feedback on units
- explore other have cross-curricular links
- restructure units to meet the schools curriculum
- integrate learning into other subject areas or revisit learning
- create a bank of WAGOLs after each unit has been taught to share with staff and encourage applied learning in other subject areas

Action Plan for technology requirements

Consider:

- planning for budget for devices/software
- hiring the Hub loan kit
- alternative software suggestions from session 2
- look into setting up a Scratch educator account/accounts for pupils to have logins ready to save their work
- how you will support and monitor the units where issues may occur

Action Plan for CPD

Possible action points:

- complete a staff audit to gain an awareness of the confidence levels
- signpost teachers onto the specific 'Get Started Teaching Year..' free CPD from the NCCE? Would any of the specific free online CPD be useful for staff to access
- plan in a Computing Staff Meeting in your school to cover some of the things discussed in this session
- staff with computing development needs? 2 days CPD courses: one for Teaching KS1 and one for Teaching Key Stage 2, to support staff knowledge and confidence

Action Plan for your CPD

Can you upskill your knowledge of the subject by completing the Primary Certification?

This Certificate is made up of 3 elements, each of which will need to be completed to achieve the Certificate.

- commitment to my professional development
- developing my professional knowledge
- supporting my professional community

<https://teachcomputing.org/primary-certificate>



Recommended courses

You may also be interested in:

Leading primary computing [remote](#) or [face-to-face](#)

[Assessment of Primary Computing](#)

[Outstanding Primary Computing for all](#)

[Preparing for Ofsted in Primary Computing](#)



School Development: Computing Quality Framework

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The NCCE Computing Quality Framework for Schools

The National Centre for Computing Education ([NCCE](#)) Computing Quality Framework is intended to help schools review their progress in developing the computing curriculum. The framework takes you through each aspect of computing, helping you to access the NCCE's wide range of resources, report, and progress. The development of the framework was funded by the [DfE](#).

[NCCE Computing Hubs](#) will be able to focus their support based on the outcomes of the self-reviews of schools in their regions.

[Start Review](#)

Improving and Evaluating Impact

Planning for impact

Complete the Impact Toolkit reflection and planning form:

What do you plan to do...
in the next few weeks?
this term?
this year?

Impact evaluation

What works... for you?



Impact Toolkit

The impact toolkit will remind you when to fill in the forms and gives you two weeks to fill in the action plan after a course.

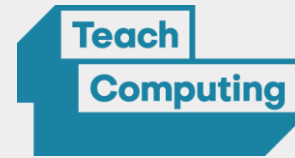
Access via the Impact toolkit

<https://impacttoolkit.stem.org.uk/>

or access from “my dashboard” on the STEM learning site

You will also need **to fill in the post CPD evaluation form** which gives us valued feedback on the course

Any Questions?



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Thanks

