

REVISED P SCALES FOR COMPUTING – Version 1

With the introduction of the new National Curriculum in 2014, attainment levels were dis-applied with the exception of those learners who are working at P Levels. In terms of Computing as a subject, there is a huge mismatch between the content of the programmes of study and the P Scales for ICT (since renamed to Computing).

To try to address this, an ad hoc group of teachers, advisors and consultants has been working on updating the ICT P Scales to make them fit for purpose for the Computing Curriculum. This is the initial draft – this will be refined prior to a launch in Autumn term 2015. You can see the latest version at www.rivelin.org, plus some examples of what it might look like in the classroom.



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P4

Pupils intentionally make selections to achieve a familiar outcome. They know that certain actions produce predictable results and that technology can be used to control objects, events and their environment.

Digital Literacy	Information Technology	Computer Science
Pupils: - Access online content - Make an intentional choice between a limited selection of digital resources	Pupils: - Intentionally explore digital devices - Make something happen intentionally on a digital device	Pupils: - Can control a specific aspect of their environment using technology - Recognise that an action produces a predictable result - Can follow a single instruction to operate a digital device



P5

Pupils make selections in order to explore and access content. They make connections between their actions and what happens on the screen or device.

Digital Literacy	Information Technology	Computer Science
Pupils: <ul style="list-style-type: none">- Identify and access online content- Make an intentional choice between a selection of digital resources or devices	Pupils: <ul style="list-style-type: none">- Use technology to explore and access content- Select basic options within a familiar application- Respond to on-screen cues to make something happen	Pupils: <ul style="list-style-type: none">- Know they can use technology to control things around them- Follow an instruction when operating a range of digital devices- Recognise the success or failure of an action



P6

Pupils identify and operate digital devices independently for familiar tasks. They understand that digital information and media can be accessed repeatedly. They can give and respond to simple instructions to control digital devices.

Digital Literacy	Information Technology	Computer Science
Pupils: <ul style="list-style-type: none">- Understand that they can access the same content on different devices- Recognise that there are different technologies that serve different purposes- Identify the appropriate technology from a limited selection to fulfil a task	Pupils: <ul style="list-style-type: none">- Create their own simple digital content- Independently operate a digital device to fulfil a familiar task- Choose media from a selection for a given purpose	Pupils: <ul style="list-style-type: none">- Can follow simple instructions in order to control digital devices- Give an instruction to control a digital device- Try another approach if the first doesn't succeed

P7

Pupils find/capture and present information in digital formats. They begin to choose and use digital resources for a given activity. They show they understand that digital information and media can be saved and retrieved. They have an emerging awareness of eSafety.

Digital Literacy	Information Technology	Computer Science
<p>Pupils:</p> <ul style="list-style-type: none">- Can find information on familiar websites- Understand that they can create digital content- Choose the appropriate technology to fulfil a given task- Are aware that some online content is inappropriate- Are aware that information can be private or public	<p>Pupils:</p> <ul style="list-style-type: none">- Select media to convey information- Present information by combining media, with support- Use a range of technologies in and out of school- Demonstrate understanding that information and media can be stored on a digital device	<p>Pupils:</p> <ul style="list-style-type: none">- Follow a short sequence of instructions to operate a digital device- Give simple instructions to control a range of digital devices- Understand that digital devices can be controlled in different ways- Appreciate that changing instructions can change outcomes- Can identify the steps of a known task- Try alternative approaches in order to achieve a goal



P8

Pupils use digital technology to present their ideas. Pupils search for information and media. They understand how to stay safe online. They can sequence instructions.

Digital Literacy	Information Technology	Computer Science
<p>Pupils:</p> <ul style="list-style-type: none">- Recognise simple examples of when and why people use technology- Understand they can share digital content- Understand that digital content can be edited- Can find information on the internet using a basic search- Recognise inappropriate content and know they should tell an appropriate - adult- Recognise what information should be kept private	<p>Pupils:</p> <ul style="list-style-type: none">- Present information and ideas by combining media independently- Independently use a range of digital resources and media for different purposes	<p>Pupils:</p> <ul style="list-style-type: none">- Understand that we control digital devices by giving them instructions.- Can list the steps of a known task in order- Independently follow a short sequence of instructions to achieve a specific outcome- Create a short sequence of instructions to control a digital device- Change instructions to achieve a different outcome.- Recognise a problem and attempt to solve it

