

MyWorks and APP

What is APP?

Assessing Pupils' Progress is a new approach to teacher assessment, allowing the teacher to track a pupil's progress, identify their strengths and weaknesses and assess what level they are working at. Developed by the QCA and National Strategies, materials are currently available for KS3 Science at <http://nationalstrategies.standards.dcsf.gov.uk/node/157236>.

How can MyWorks support APP?

The results of MyWorks tests can be used as evidence for APP. Looking at the learning objectives covered by each test, and a pupil's score, in combination with other evidence, the teacher will be able to assess if pupils have met the criteria for a given assessment focus. Once evidence has been gathered across the assessment focuses the teacher will be able to make an informed decision about the national curriculum level the pupil is working at.

MyWorks mini quizzes can be incorporated into lessons and homework tasks, allowing frequent and consistent assessment of pupils' learning. Summary quizzes allow for periodic assessment at the end of units of work. Because each quiz covers specific learning objectives, the results are meaningful and easily accessible through the VLE.

Example scenario

James is one of Mrs Smith's Year 9 pupils. She's using APP to assess his progress in Science. James has just completed the MyWorks skills quiz '**Physics analysing experiments skills quiz**'. He scored 27/30, indicating a high level of understanding of the content covered.

Mrs Smith thinks James is working at the high-end of Level 7, so she selects the assessment guidelines sheet for levels 7-8. She looks at the mapping document and sees that this quiz is relevant to **AF5 – Working critically with evidence**. James' score provides evidence that he is working at a high level within this assessment focus, so she notes this on the assessment sheet. The printable report allows her to identify any areas in which James is struggling.

Other examples:

If a student scored full marks on '**Biology in society skills quiz**', this would suggest that they are working at level 5 or above within assessment focus **AF2**.

If a student scored full marks on '**Chemistry practical skills quiz 1**' and '**Chemistry practical skills quiz 2**', this would suggest that they are working at level 7 or 8 within assessment focus **AF4**.

MyWorks KS3 Science Mapping to APP Assessment Focuses

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This table highlights quizzes that are relevant to the five assessment focuses in Assessing Pupils' Progress in Science at KS3. Quiz scores and reports can be used as evidence to help assess the level at which students are working.

Assessment focus	Biology	Chemistry	Physics
AF1 – Thinking scientifically	<ul style="list-style-type: none"> Investigating animal behaviour mini quiz The circulatory system mini quiz Fighting disease mini quiz Biology in society skills quiz Discoveries in biology skills quiz Digestion extension quiz 	<ul style="list-style-type: none"> Particles and properties mini quiz Chemistry data analysis skills quiz Chemistry discoveries and society skills quiz 1 Alternative fuels extension quiz 	<ul style="list-style-type: none"> What are circuits? mini quiz Alternative energy resources mini quiz Using electricity mini quiz Heat and temperature mini quiz Changing states mini quiz Conduction and convection mini quiz Heat loss and insulation mini quiz Physics practical skills quiz 2 Physics calculations and formulae skills quiz Physics analysing experiments skills quiz Physics discoveries and society skills quiz 1 Energy and heat extension quiz Electricity and magnetism extension quiz Light and sound extension quiz
AF2 – Understanding the applications and implications of science	<ul style="list-style-type: none"> Looking at cells mini quiz Uses of microbes mini quiz Fighting disease mini quiz Animal testing mini quiz Biology in society skills quiz 	<ul style="list-style-type: none"> Using rocks mini quiz Using metals mini quiz Using chemical reactions mini quiz Fossil fuels and the greenhouse effect mini quiz Chemistry data analysis skills quiz Chemistry discoveries and society skills quiz 1 Chemistry discoveries and society skills quiz 2 Alternative fuels extension quiz 	<ul style="list-style-type: none"> Using electricity mini quiz Heat loss and insulation mini quiz Electromagnets and their uses mini quiz Eco-housing mini quiz Using fossil fuels mini quiz Alternative energy resources mini quiz Physics discoveries and society skills quiz 1 Physics discoveries and society skills quiz 2

Assessment focus	Biology	Chemistry	Physics
AF3 – Communicating and collaborating in science	<ul style="list-style-type: none"> • The circulatory system mini quiz • Biology data analysis skills quiz 1 • Biology data analysis skills quiz 2 • Discoveries in biology skills quiz • Ecological relationships extension quiz 	<ul style="list-style-type: none"> • Symbols for elements mini quiz • Word equations mini quiz • Naming compounds mini quiz • Chemistry data analysis skills quiz • Chemistry equations skills quiz • Chemistry discoveries and society skills quiz 1 • Symbol equations extension quiz • Balancing equations extension quiz 	<ul style="list-style-type: none"> • What are circuits? mini quiz • Graphing speed mini quiz • The Solar System mini quiz • Physics practical skills quiz 1 • Physics analysing experiments skills quiz • Forces and motion extension quiz
AF4 – Using investigative approaches	<ul style="list-style-type: none"> • Biology practical skills quiz 1 • Biology practical skills quiz 2 • Biology data analysis skills quiz 2 	<ul style="list-style-type: none"> • Separating mixtures mini quiz • Working with chemicals mini quiz • Chemistry practical skills quiz 1 • Chemistry practical skills quiz 2 	<ul style="list-style-type: none"> • Physics practical skills quiz 1 • Physics practical skills quiz 2 • Physics calculations and formulae skills quiz • Physics analysing experiments skills quiz
AF5 – Working critically with evidence	<ul style="list-style-type: none"> • Biology data analysis skills quiz 1 • Biology data analysis skills quiz 2 • Biology in society skills quiz • Biology practical skills quiz 1 • Reproduction extension quiz 	<ul style="list-style-type: none"> • Chemistry data analysis skills quiz • Chemistry practical skills quiz 2 • Alternative fuels extension quiz 	<ul style="list-style-type: none"> • Graphing speed mini quiz • Physics calculations and formulae skills quiz • Physics analysing experiments skills quiz • Physics practical skills quiz 2 • Light and sound extension quiz • Forces and motion extension quiz • Energy and heat extension quiz • Electricity and magnetism extension quiz