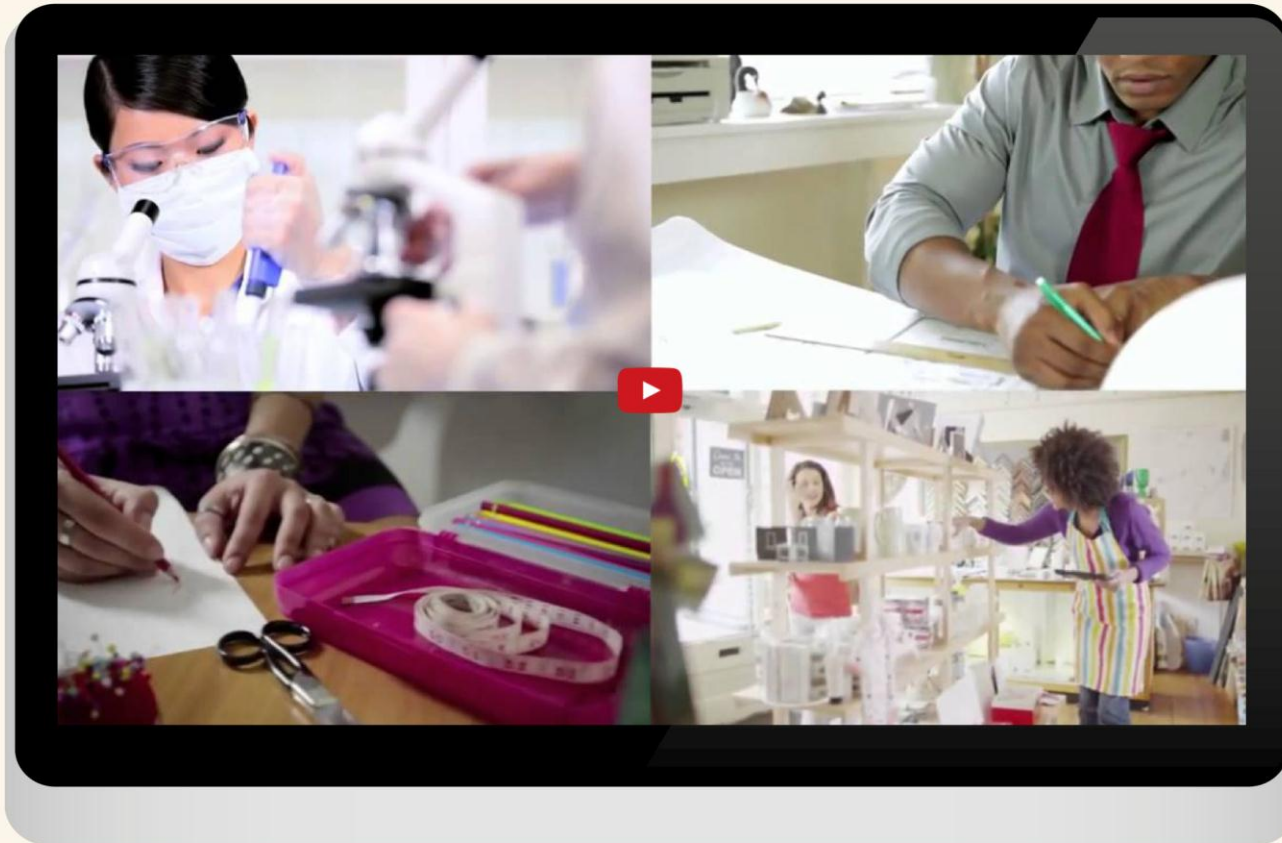




Pearson Secondary Leaders' Briefing

Starting with Efficacy



<http://efficacy.pearson.com/channel/starting-with-efficacy/>

Agenda



Landscape



Curriculum



Resources



Tools



Support

Landscape





Understanding the landscape...

I. Curriculum Reform 14-16 and 16-19/ Timelines for change

- **GCSE reform, 2015-17:** 3 phases (page 2)
- **IGCSEs:** Edexcel Level 1 /Level 2 Certificates (page 3)
- **GCE reform, 2015-17:** 3 phases (page 3)
- **Vocational reform 14-19:** The Lists; Technical Awards, Technical Levels and Technical Certificates (pages 4-5)

Understanding the landscape...



2. Accountability measures/update and refresh

- **KS4 Headline measure:** Progress 8; 9 point scale from 2017 (page 6)
- **KS5 Headline measures** (page 7)
 - Progress for academic and Applied General
 - Combined attainment and retention for Technical Levels and Technical Certs
 - Attainment
 - English and Maths GCSE
 - Retention
 - Destination



New points system

GCSE Grade	BTEC grade	2015 points	2016 points	2017 points
A*	Distinction*	58	8	8.5
A	Distinction	52	7	7
B	Merit	46	6	5.5
C	Pass	40	5	4
D		34	4	3
E		28	3	2
	LI Pass	25	2.5	1.75
F		22	2	1.5
G		16	1	1
U		0	0	0

Understanding the landscape...



3. Other Key developments

- **Study Programmes** (page 7)
- **Post 16 requirements for Maths and English** (page 7)





After the General Election

The outlook

Situation

- Conservatives now hold a slim majority.
- Continuity of people and policies.

Resources

- [Policywatch >>](#)
- [@stevebesley >>](#)
- [Policy Breakfast Briefings >>](#)

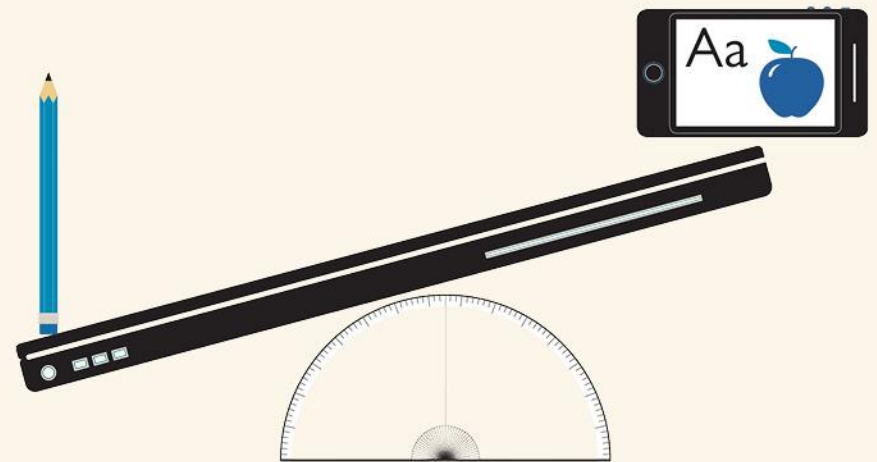
Themes

- **Funding**
 - Per pupil funding protected for ages 5-16
 - £7bn over next 5 years to provide for 'good' school places
- **Reform**
 - Continued expansion of Academies, Free Schools, UTCs, Studio Schools
- **Accountability**
 - Outstanding Ofsted grade linked to teaching of EBacc subjects
- **Teaching**
 - Support current teachers
 - Train more maths, Physics and Mandarin teachers

Key challenges in Secondary Education



- Balancing the requirements of Headline Measures and FE/HE providers with provision of broad, balanced and inclusive curriculum offer for learners
- Tracking progression effectively across 11-19
- Closing the gap
- Supporting all ability levels
- Supporting staff in delivery of new qualifications



Curriculum





Presenting our new GCSE maths qualification




Pearson's new Edexcel GCSE in Mathematics is a tiered qualification.

As a linear qualification, all examination papers must be taken in the same series at the end of the course.


1/3 non-calculator
 
2/3 calculator
 240 marks

4.5 hours assessment time



Any part of content for each tier can be assessed in any paper (with restriction to questions that require use of a calculator).

All papers assess all assessment objectives.

First assessment summer 2017

✓ Holistic and linear approach to mathematics.

✓ Questions assess more than one area and a variety of skills.

Foundation
(grades 1-5)

Paper 1
Non-calculator

33.3% weighting



Paper 2
Calculator

33.3% weighting



Paper 3
Calculator

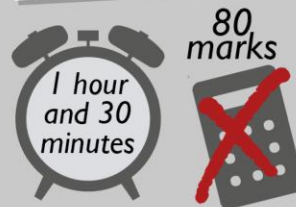
33.3% weighting



Higher
(grades 4-9)

Paper 1
Non-calculator

33.3% weighting



Paper 2
Calculator

33.3% weighting



Paper 3
Calculator

33.3% weighting





Ofqual research into Maths SAM difficulty

*“Following accreditation of the reformed GCSE (9-1) Mathematics qualifications, concerns (mainly from teachers and awarding bodies) were expressed as to **differences in difficulty** of the sample assessment materials and in their approach to the assessment of problem solving.*

“The research was conducted to evaluate whether the concerns were valid and the differences sufficient to undermine the teaching, learning and assessment of GCSE Mathematics.”

- **Strand 1:** Comparison of expected difficulty (as judged by experts) of all items from awarding bodies' SAMs
- **Strand 2:** Comparison of actual difficulty (as judged by Year 11 student performance) of items from non-calculator papers
- **Strand 3 & 4:** Awarding body approaches to assessing A03 (problem solving)



Findings and actions

Ofqual found:

- Significant differences in difficulty across SAMs
- **All** awarding bodies need to make changes to come to a middle ground
- **No** awarding bodies can publish further assessment materials until approved by Ofqual

www.ofqual.blog.gov.uk

Approved papers to be available in schools by end of June (at the latest)

We have:

- 1 Improved the **clarity of language readability** of our papers
- 2 Ensured the Foundation tier papers include more questions targeting the **lowest grades**
- 3 **Removed formulae sheets** – the relevant formulae will be provided to students in the question if required
- 4 Ensured that the earlier questions in the papers are designed to help students **build confidence**
- 5 Reduce the number of high-tariff (4,5 and 6 mark) questions
- 6 Reinstated **answer lines**

Our new Edexcel GCSE (9-1) English Qualifications

Support for inspirational teaching



- In **Language**, the **19th Century requirement** will always be met via one stand-alone fiction text.
- A **clear**, straightforward paper **structure**.
- Students will work with the sorts of modern **non-fiction** English Language texts that they'll be expected to analyse in their everyday lives.
- Our **Literature text lists** are a mixture of **tried-and-tested favourites**, and **new texts** designed to inspire and challenge students from the full ability range.
- We've partnered with English experts like **Debra Myhill** at the **University of Exeter**, and **King's College London** to create English Language teaching and learning materials based around the evidence-based pedagogies **Grammar for Writing** and **Let's Think in English**.

Everything we've worked on is designed to encourage development of essential, **life-long skills for the real world.**



GCSE 2016 quals

We are developing 13 new GCSE qualifications for first teaching in September 2016 and 13 more for first teaching in September 2017.

GCSEs for 2016

Art and Design
Combined Science
Computer Science
Citizenship Studies
Drama
French
German
Geography
History
Music
Physical Education
Religious Studies
Sciences (Biology, Chemistry & Physics)
Spanish

GCSEs for 2017

Arabic
Astronomy
Business Studies
Chinese
Design and Technology
ICT
Italian
Japanese
Modern Greek
Psychology
Russian
Statistics
Urdu

GCSE principles

- **Linear qualifications**, with exams at the end of each two-year course.
- The **new grading 9-1 grading system** will award 9 as the top grade. Grade 4 will be equivalent to the current C grade.
- Exams will be split into **foundation** and **higher tiers** if one exam paper doesn't give all students the opportunity to 'show their knowledge and abilities'.
- There will be **no coursework**; details around the assessment of practical skills are currently being finalised.



A and AS level update

A levels for 2015

Art and Design
Biology
Business
Chemistry
Economics
English Language
English Language and Literature
English Literature
History
Physics
Psychology

AS and A levels for 2016

Drama and Theatre
French
German
Geography
Music
Physical Education
Religious Studies
Spanish

AS and A levels for 2017

Design and Technology
Government and Politics
Mathematics
Italian
Music Technology
Russian
Chinese

A and AS level principles

- **Linear qualifications**, with exams at the end of each course, typically after one year for AS level and after two years for A level. No more January assessments.
- **A new approach to grading**, AS and A levels will continue to be graded from A to E but with an additional A* grade available at A level only.
- **AS levels as standalone qualifications** remaining broadly at their current standard but no longer counting towards the A level grade.
- **Co-teaching** of some AS levels alongside first year A level courses, where the content of the AS is a subset of the full A level.
- **No coursework**, assessment will be by exam only, except where non-examined assessment is the best approach.

The future of BTEC Levels 1-3 (PROVISIONAL)



BTEC Level 1
(Graded)
(14-16), 16-19 & 19+

BTEC Level 1/Level 2
Technical Awards
14-16

2015

2016

2017

Development timeline

BTEC Nationals
(Level 3)
16-19 & 19+

BTEC Firsts (Level 2)
Technical
Certificates
16-19 & 19+



Brand new BTEC graded Level 1 qualifications

180 GLH

(Guided Learning Hours)

Good for:

- **Traineeship requirements:** usually 12-24 weeks of learning focused around preparation for work.
- **GCSE learners at Grade D** who need to 'bridge the gap' between level 1 and 2, perhaps in a one-year course.

2 sizes

360 GLH

(Guided Learning Hours)

Good for:

- **Study Programmes:** substantial vocational qualification within a 16-19 study programme – with English and maths and work experience alongside – making up a 600 hour learning programme.
- **Progression** to the next level.

19 sectors

Art and Design
Applied Science
Business Admin
Caring for Children
Creative Media

Construction
Engineering
Hair & Beauty
Health & Social Care
Hospitality

IT Users
Land-based
Performing Arts
Public Services
Retail

Sport & Active
Leisure
Travel & Tourism
Vocational Studies
Motor Vehicle

Confidence

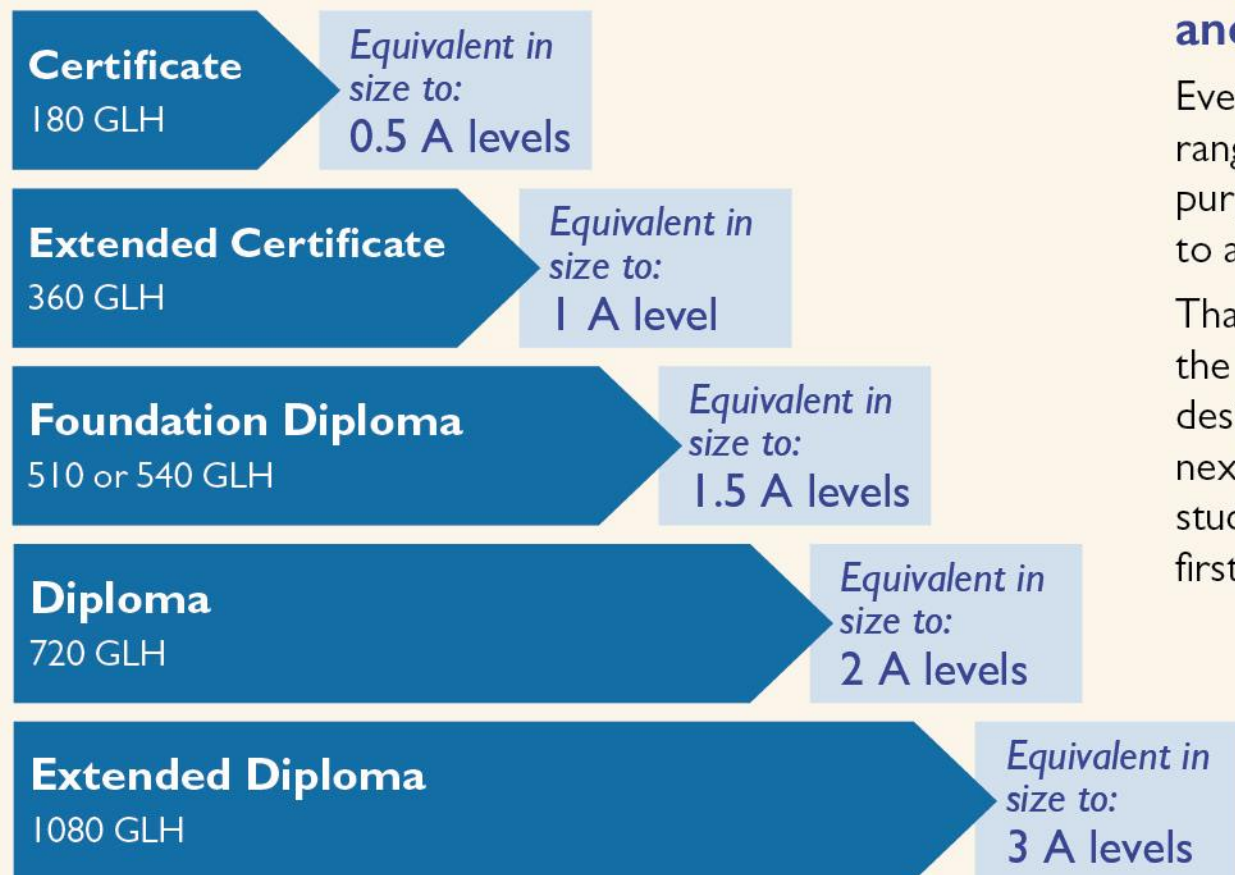
Progression

Coherent learning
programmes

Support

BTEC Nationals

Step in to your future



Flexible choice of sectors and sizes

Every BTEC subject offers a range of sizes, each with a clear purpose supporting progression to a career.

That means students can choose the combination of qualifications designed to help them take their next step, whether that's further study – or straight into their first job.



Today's BTEC – supporting student progression to...

... University

More than 50% of 20- to 30-year-olds going on to higher education have progressed via studying a BTEC
Which? University

20% of successful BTEC Level 3 students progress on to undergraduate degree courses
London Economics 2010

85% of BTEC students who progressed to further study expected to derive long-term, career-related benefits from their BTEC studies
London Economics 2010

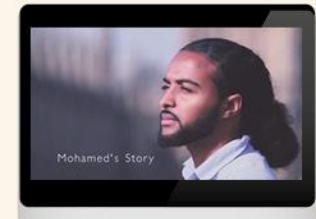
... a career

79% of BTEC students who progressed into employment consider BTEC an important stepping stone towards their dream job
London Economics 2010

62% of large companies have recruited employees with a BTEC qualification
YouGov Large Business Research, 2011

85% of BTEC students who progressed to further study expected to derive long-term, career-related benefits from their BTEC studies
London Economics 2010

Video link to:



Resources



Edexcel GCSE (9-1) English Language

2015 paid-for resources

Building confidence in English



Our resources will help you and your students to get the best out of the new English curriculum, and help you to **teach the new specification with confidence** from September 2015.

- **Fully prepare** all of your students for the new style of assessments.
- **Monitor your students' progress** and predict success simply and effectively with our ActiveLearn Digital Service, so you can check they are on track.
- **Improve your students' writing skills** with an evidence-based approach so that they can write in a sustained, technically accurate and effective way.
- **Develop student confidence** and resilience when responding to challenging **unseen texts** with the **Let's Think in English** pedagogy.
- Learn how to use the **Grammar for Writing** and **Let's Think in English** pedagogies to full effect.

You do not need to purchase resources to deliver our qualifications.

Professional development with the University of Exeter



- Full day **CPD workshops** at venues across the UK
- Delivered by the **University of Exeter**
- Focused on **understanding** the *Grammar for Writing* pedagogy and **applying** it to teaching practice
- Highly **interactive and collaborative** – a chance to network with other teachers and schools



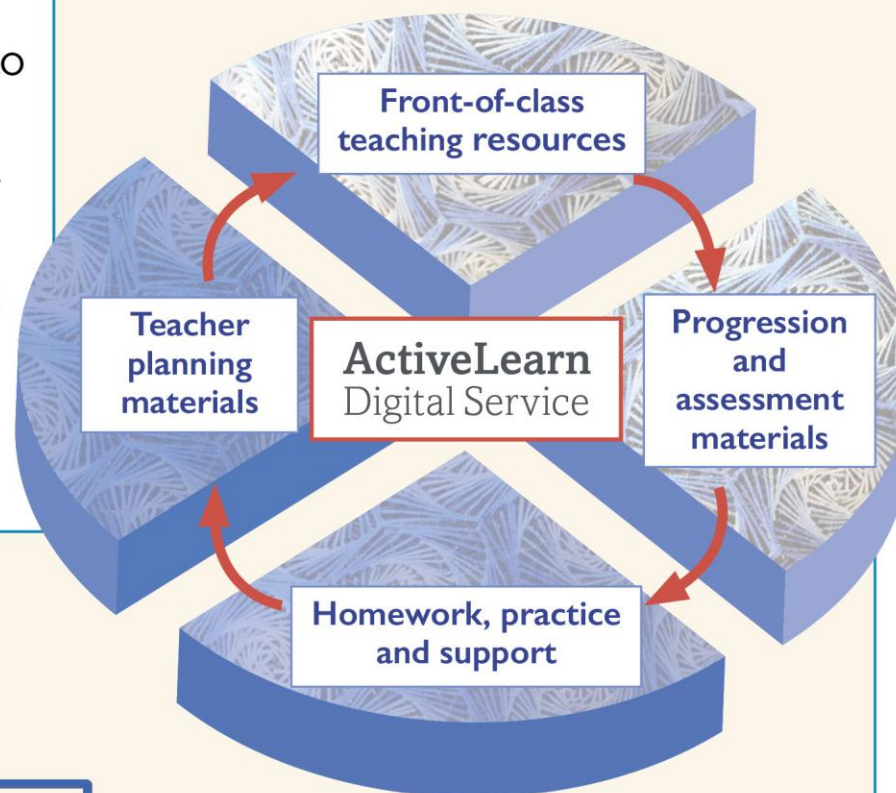
Professor Debra Myhill
University of Exeter



What's in the ActiveLearn Digital Service?

ActiveLearn
Digital Service

Our teaching service brings together the resources you need to plan and deliver lessons with front-of-class, planning and assessment materials all in one place and under one subscription.



Online homework for students with instant formative feedback and powerful reporting to aid motivation and progression.

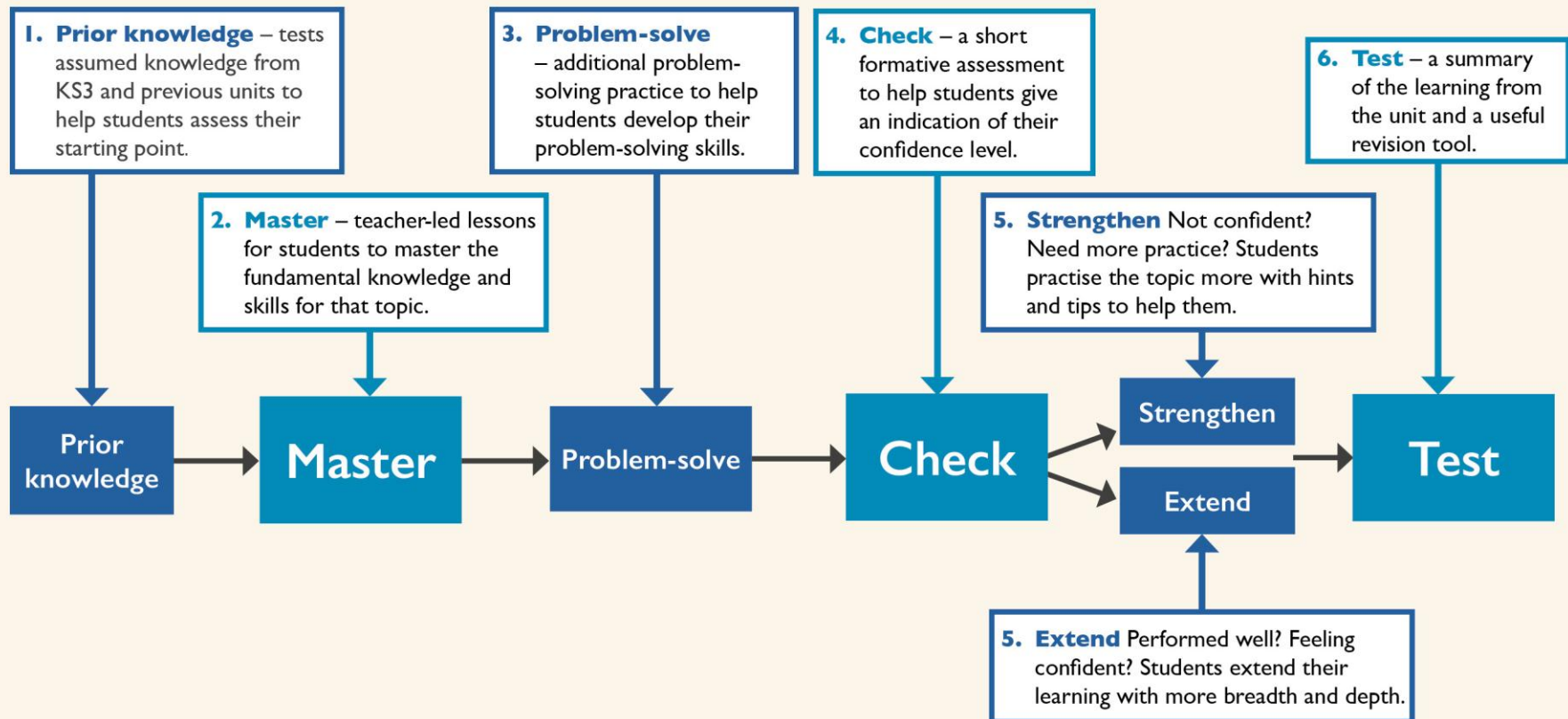


Our innovative Mastery approach



Help students gain a deeper understanding of **each topic** with our unique unit structure, that has built-in differentiation to tackle the increase in demand of the new GCSE.

- Students who master the topic in the first few lessons are challenged by increasing the breadth and depth of their understanding.
- Students who need more support in the first few lessons have the opportunity to revisit key concepts, explained in a different way, with more hints and at a slower pace.





Key progression challenges

KS3 Maths Progress

Confidence • Fluency • Problem-solving • Progression

- Confidence, fluency, problem-solving and progression
- Master=>Check=>Strengthen/Extend=>Test
- Differentiated

EXPLORING SCIENCE WORKING SCIENTIFICALLY

- Measurable progression to KS4
- Working Scientifically
- Using mathematics through science
- Developing literacy and communications skills for GCSE




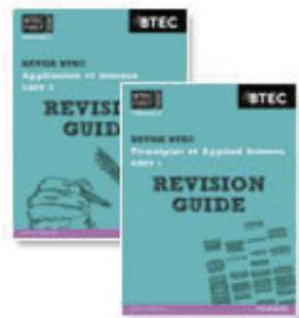
Studio (French),
Stimmt! (German) and
¡Viva! (Spanish)

- Covering the new NC
- Digital resources to embed listening, grammar, vocab and reading practice

BTEC Firsts



Paid-for Learning and Teaching Resources from Pearson

Learn	Teach	Revise
Student Books	Teaching and Assessment Packs	Revision Guides and Workbooks
<p>Familiar textbook support across a range of subjects</p> 	<ul style="list-style-type: none"> Online resources, available to buy for individual units and pathways Core customisable materials for planning, delivery and assessment Interactive packs contain rich media content for most subjects. (e.g. video; quizzes) 	<p>Available now:</p> <ul style="list-style-type: none"> Applied Science Business Health and Social Care Information and Creative Technology Sport 

Learning and teaching resources are available from a number of publishers (including Pearson) and are not a pre-requisite for delivering BTEC qualifications.

Tools



Pearson Progression Services



Designed to help teachers measure progress in preparation for **Progress 8**.

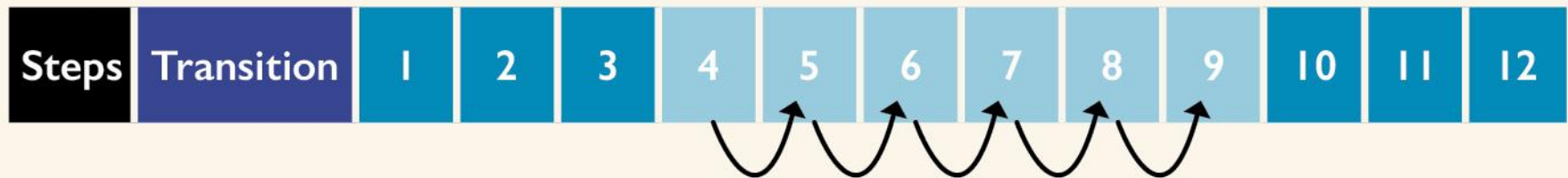


- **A progression scale** – 12 steps from 11-16. Questions in the Student Books mapped to steps
- **Progression map** – mapping of knowledge and prerequisites – underpins our resources and qualification support
- **Tests** – free support and as part of our ActiveLearn Digital Service
- **Online markbook** – captures data, helps teachers track progress and predict future progress

Make one step of progress per year on average



Expected progress
from Years 7 to 11



Equivalence to old levels/grades?



Roughly...

- Old KS3 Level 3
- Old GCSE Grade G

Flightpaths



Step	Start Y7	End Y7	End Y8	End Y9	End Y10	End Y11
12th						
11th						
10th						
9th						
8th						
7th						
6th						
5th						
4th						
3rd						
2nd						
1st						

Expected
entry
point from
Year 6



ResultsPlus

Grade performance

- Whole centre
- Department
- Class
- Student

Comparison

- by centre type
- with last year
- by gender
- by class
- by spec
- by subject

Exam docs

Exam papers, mark schemes and examiner reports just a click away

ResultsPlusDirect

- Student access
- All Edexcel & mock results in one place
- Optimised for tablets and mobiles

Detailed analysis

Performance on each question of each exam paper with comparison to Edexcel national data

With skills maps

To help contextualise performance against curricular areas

Now with Mock Analysis

To help students develop their learning



myBTEC: the easier way to manage delivery **myBTEC**

Control all your BTEC provision from one place

Complete visibility of all courses, assessment, internal verification and results at your centre.

Built by Pearson, for BTEC

Designed specifically for BTEC qualifications, so you know you're doing it right.

Access for the full team

Full access for the entire delivery team, whatever their department or role.

Saves you time

Enter your information once; download and export at will.

Easy to use and fully supported

Step-by-step wizards for the key tasks; walkthrough videos and other resources available on-demand.

Free, and available to all schools from autumn.

Support





Professional development

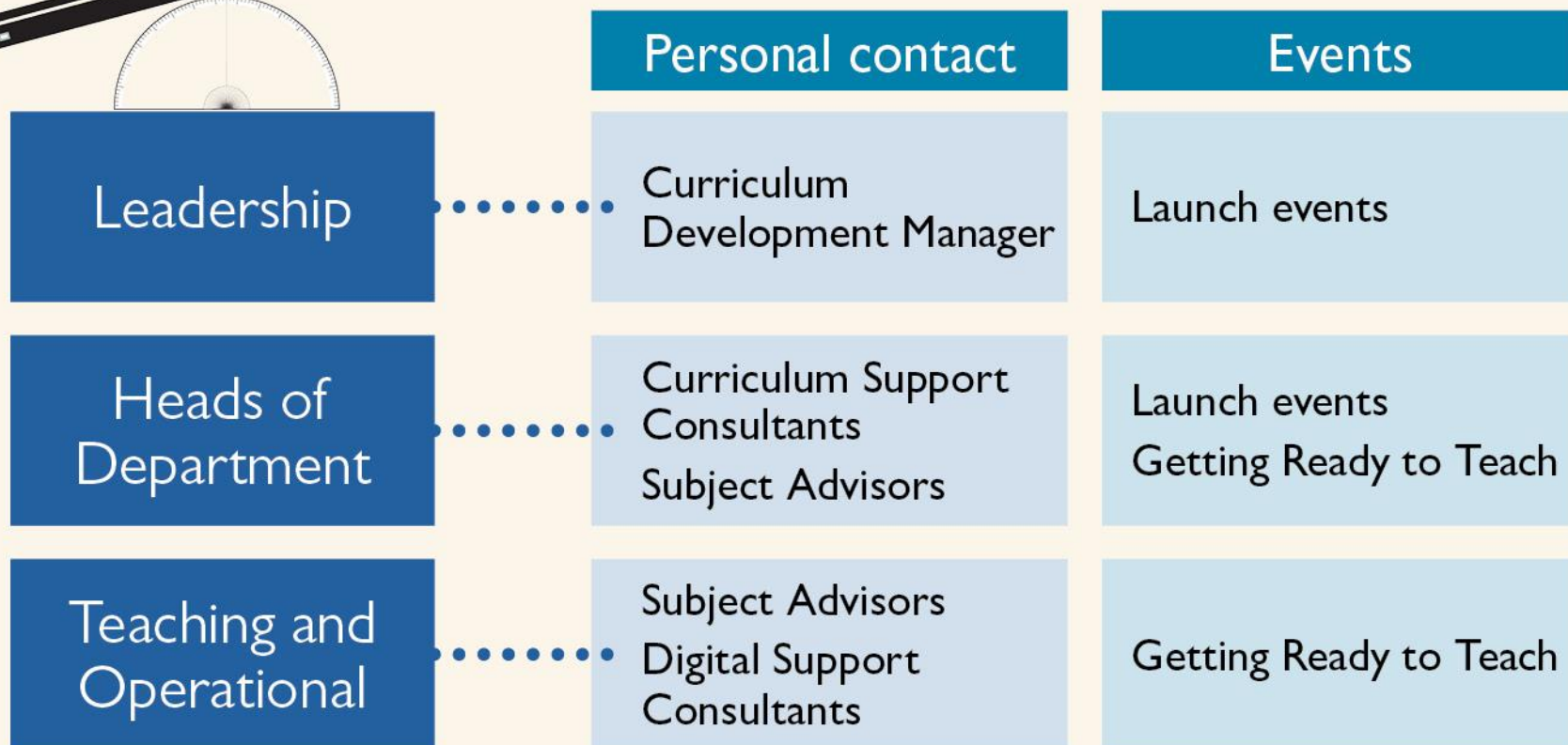
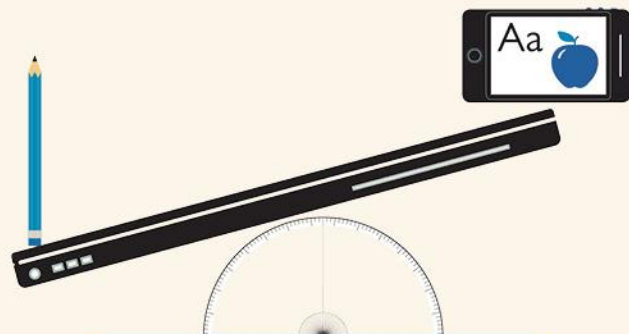
Training and professional development courses help teachers make the most out of our qualifications, products and services, which combined will have a greater impact on learning.

- Specific subjects
- Digital services (ActiveLearn, ResultsPlus)
- Guide your teams through change
- Build expertise
- Increased impact on learning





Continuous support





Next steps

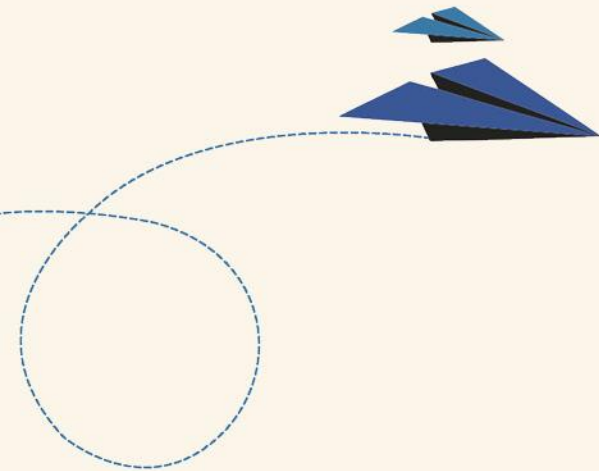


- **Appointments available** with local Curriculum Development Managers, Curriculum Support Consultants and Digital Support Consultants to discuss how we can support your schools
- Please fill in the **feedback form** highlighting any key areas of interest

Contact us:

To request a consultation, or further information on any of the products topics or services discussed, visit:

uk.pearson.com/Consult15





Thank you