

Now extended as linear qualifications to 2015

Key Facts: Modular to Linear

Linked Pair Pilot is extended for **2 Years** until Summer 2015
(with resit available in Nov 2015)

It will be a linear specification for first teaching from **Sep 2012** * (see below)

The content and assessments **remain the same**

100% terminal assessment from summer 2014

Unlimited retakes available of linear GCSEs and early entry is still allowed

Extension of assessment availability to summer 2016 likely, if new Key Stage 4 reforms are delayed to first teaching 2015

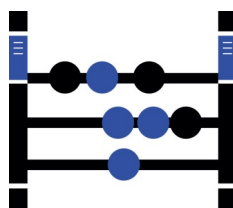
The **GCSE Mathematics Linked Pair Pilot** has been extended for a further two years until summer 2015, in line with existing timelines for key stage 4 reforms.

The extension has been given in order to give pilot centres a smooth transition from the linked pair to the new key stage 4 qualifications, when they are available.

As with all other GCSEs, the linked pair are now **linear** specifications for all new cohorts starting September 2012 (For existing cohorts it is still modular until Nov 2013).

Some minor changes to the specification have been made

to reflect the fact that the assessment is now linear, and that the operational dates have been extended, however the content and assessments remain the same.



Each GCSE in the pilot has become linear in its own respect – i.e. the two qualifications may be sat in separate series. For

example, candidates may take **Methods** in Year 10 and **Applications** in Year 11, or vice versa. The specification is available on our website.

Should the introduction of new key stage 4 reforms be delayed beyond 2014, it is anticipated that a further extension will be granted for the pilot.

*MODULAR TO LINEAR: AVAILABILITY OF ASSESSMENTS

November 2012

All units available, certification available for modular specification.

May/June 2013

All units available, certification available for modular specification.

November 2013

Final opportunity to claim certification for modular specification. All units available.

Online training available in November

Edexcel is running fresh training events at the end of **November** for both **Applications** of Mathematics (27th) and **Methods** in Mathematics (28th). We're looking to help you improve your delivery of both sides of the course, and participation is **FREE**. You'll be able to feedback on the June

2012 series, discuss Examiner's Reports, consider delivery

Book your place at edexcel.com/training

27th November
Applications of Mathematics
Code: 12OMA16/01

28th November
Methods in Mathematics
Code: 12OMA17/01

strategies and share good practice. Both units are covered. For your convenience we have scheduled these events to start at 4pm so you will not have to miss lesson time in order to take part. Attendance can be counted towards your CPD (2h per event), and you won't need to leave your office – all events are online.

Centre support - what is available?

To support with the delivery of the new topics in the linked pair, there is an online book which complements the text book available for the single GCSE. This book is free and exclusive to Edexcel pilot centres, and is in the form of a series of PDF documents available via secure download on our subject page on the Edexcel website.

You just need your Edexcel Online password to download each of the chapters. Please see your Exams Officer if you don't have a password yet. Other resources on the website support you with delivery and assessment, include sample assessment and practice materials, mock papers, schemes of work and content exemplification.

Centres can also access past exam papers and mark schemes including the June 2012 series at our Maths Emporium website. It contains a comprehensive collection of past papers and mark schemes, mock and practice papers, examiners' reports, grade boundaries, schemes of work and other documents. You can find it www.edexcelmaths.com.

Chapter 3 The Midpoint and Intercept theorems

Example 1

Chapter 2 Quadratic Sequences

2 Here is a pattern made from centimetre squares.

Pattern 1 Pattern 2 Pattern 3 Pattern 4

a Write down an expression in terms of n for the number of centimetre squares in pattern n .

b Is there a pattern in the sequence which has 370 centimetre squares?

3

a Find 3

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b Find

4

a Write 1

b Write 1

c Write 2

Example 2

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Methods 1.1 Sets and Venn diagrams

Example 4 There are 27 students in a class.
11 of the students study French.
15 of the students study Spanish.
6 of the students study both French and Spanish.
Draw a Venn diagram to show this information.

Start with the intersection. Place a 6 in the intersection to represent the 6 students that study both French and Spanish.

11 of the students study French. $11 - 6 = 5$

15 of the students study Spanish. $15 - 6 = 9$

$5 + 6 + 9 = 20$
 $27 - 20 = 7$
So there are 7 students who do not study French or Spanish. Place the 7 outside both circles.

Exercise 1B

1 Some boys were asked if they played football or rugby. The Venn diagram shows information.

a How many boys were asked if they played football or rugby?

b How many boys played just rugby?

c How many boys do not play football?

d How many boys play both rugby and football?

5

Some example pages from the online book

Your checklist for Autumn 2012

We know you are very busy so here is a reminder of some things you might want to consider doing this autumn if you haven't already done so:

- ✓ Check exam dates on our website
- ✓ Make sure you know the entry deadlines
- ✓ Download new specification from the website
- ✓ Download examiners reports for Summer
- ✓ Book onto the online training