

Overview of SOLAR

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SQA's Strategic Commitment

‘Implementation of new processes and future investment in information technology will support increasing demand for online, on-demand and at-a-distance delivery of learning and assessment’

SOLAR assessments

- * Formative and summative
- * Available at no extra cost
- * Growing range of qualifications supported
- * Also supports an increasing number of vocational qualifications
- * Further developments in response to demand
- * www.sqasolar.org.uk

SOLAR assessments

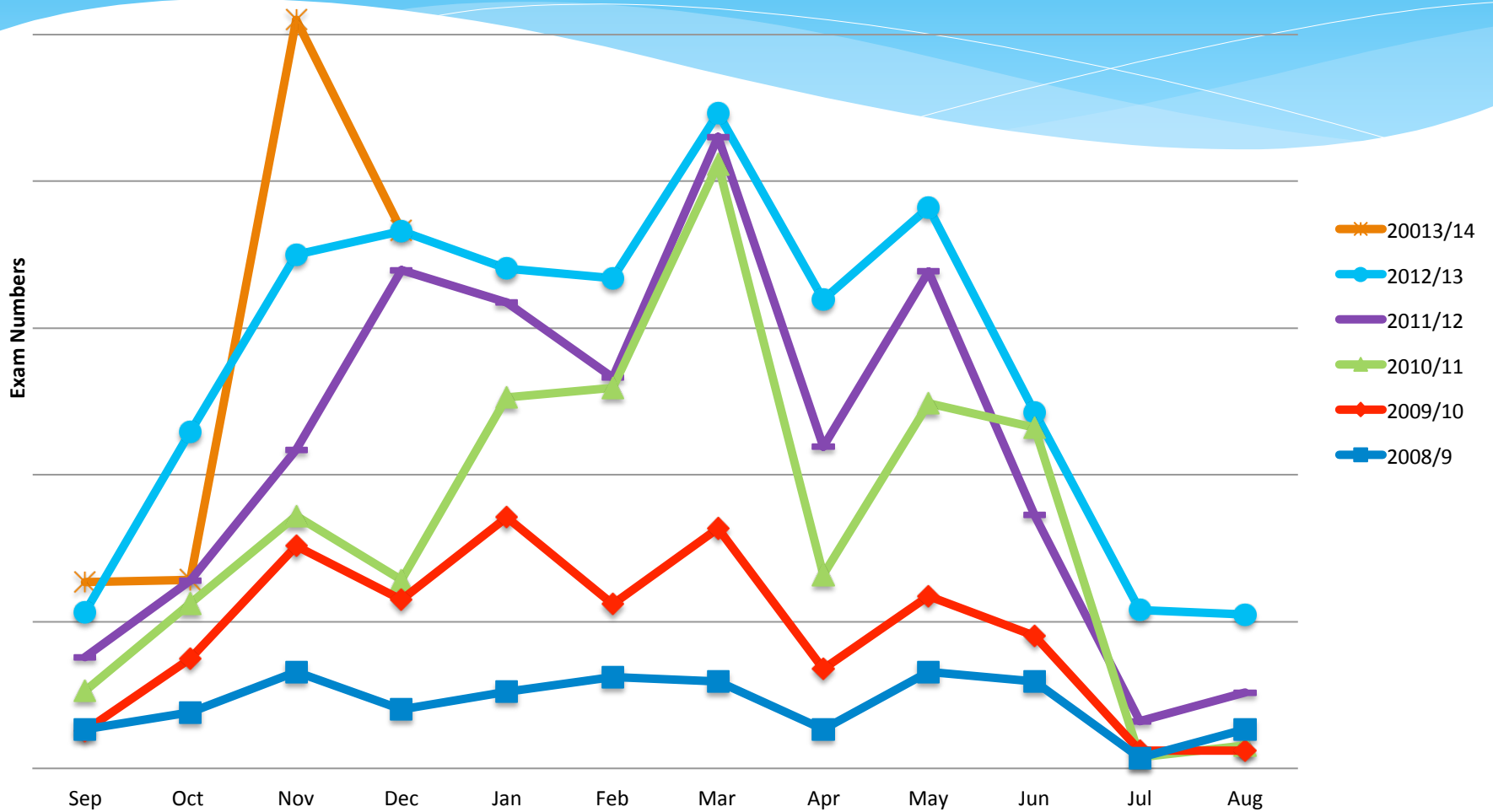
Summative

- * No paper versions
- * Subject or Topic/Outcome/Unit-based and pre-verified
- * No internal verification required
- * Dynamically generated every time from a large bank of questions using rules
- * Accessible through the SOLAR website (Secure Assess)

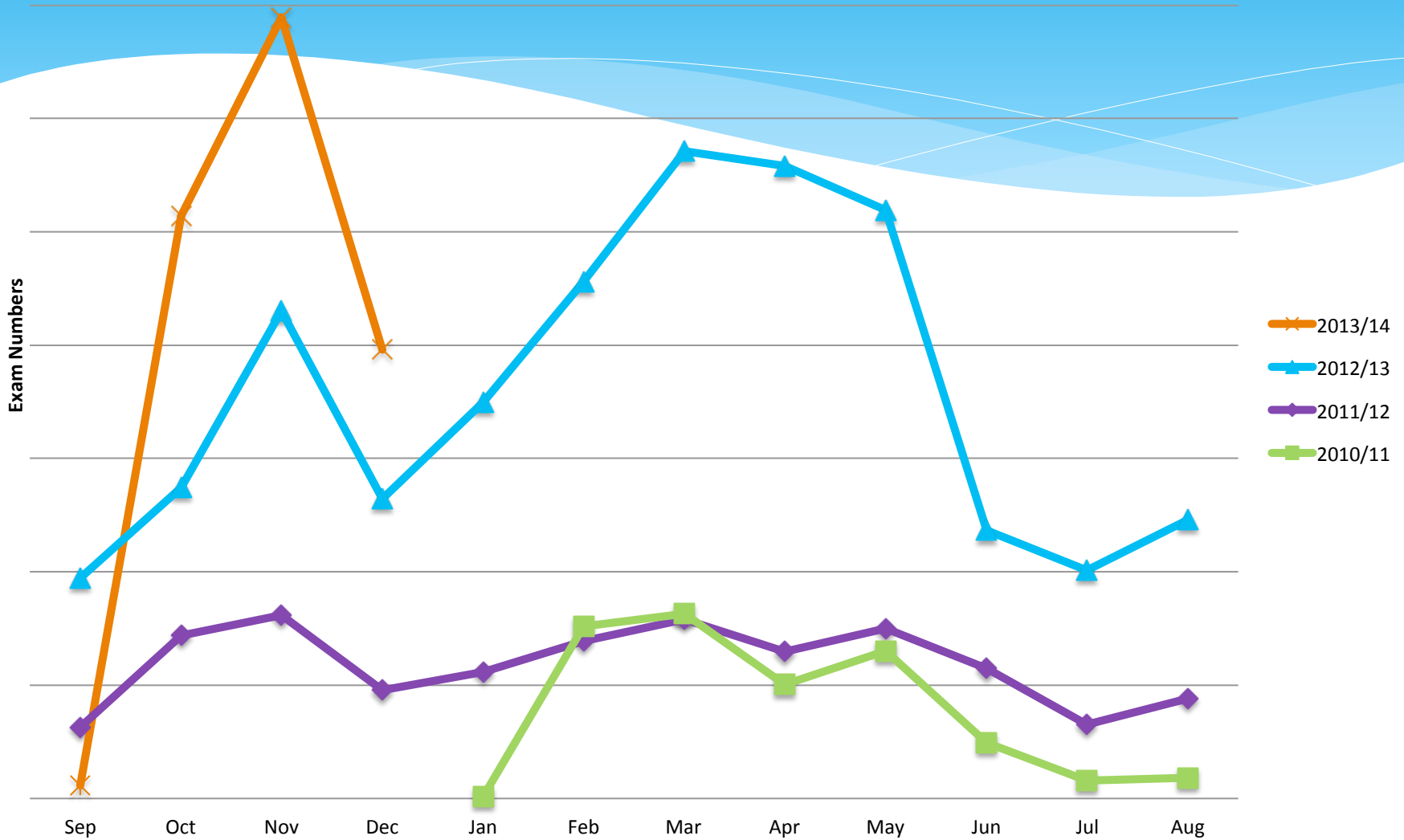
Formative

- * With formative feedback to support learning
- * Untimed and no pass marks
- * Accessible through the SOLAR website (Open Assess)

Secure Assess Test Figures



Open Assess Test Figures



SOLAR delivery

- * Marking easier/quicker/more consistent/reduced/removed
- * Doing things near impossible using traditional methods
- * Engaging with learners/staff flexibly
- * Looking for new styles of questions

You run out of money when on holiday in London and decide to borrow cash from iquid.

Calculator

Choose how much you would like to borrow.

What is the interest rate for five days? %

How much interest will you be charged? £

How much will you have to pay back after five days? £

3 marks

IQUID
payday loans
representative
apr 6048%

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SOLAR delivery models

- * Web-based
 - * Interactive content
 - * Automatic and human marking
 - * Immediate feedback and result
- * Online and Offline – USB/Laptop
- * Available 24/7

SOLAR marking models

- * Automatic

- * Human/manual

- * Smart

Delivery challenges

Learner preparation

Technical

Practical

Reporting with SOLAR

Results Breakdown:

1. Use numerical skills to solve real-life problems involving money/time/measurement.	Result
Interpreting measurements and the results of calculations to make a decision.	Achieved
Justifying decisions using the results of measurements or calculations	Achieved
Recording measurements using a scale on an instrument.	Achieved
Selecting and carrying out calculations	Achieved
Selecting and using appropriate numerical notation.	Not Achieved
2. Interpret graphical data and situations involving probability to solve real-life problems involving money/time/measurement	Result
Extracting and interpreting data from at least three different graphical forms	Achieved
Making and justifying decisions based on probability	Not Achieved
Making and justifying decisions using evidence from the interpretation of data	Not Achieved

Requirements for verification

- * State 'Using SOLAR' on verification paperwork
- * No paperwork evidence required from SOLAR
- * Evidence for judgements made using traditional assessment evidence
- * Human marked questions can be sampled verified by SQA as part of the new verification process

Myths

- * The man from SQA says no
- * It doesn't look like the NAB
- * I don't have 28 computers in my classroom
- * Please print it out

QUESTIONS?

www.sqasolar.org

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