



Valence Primary School

Maths Flex Presentation

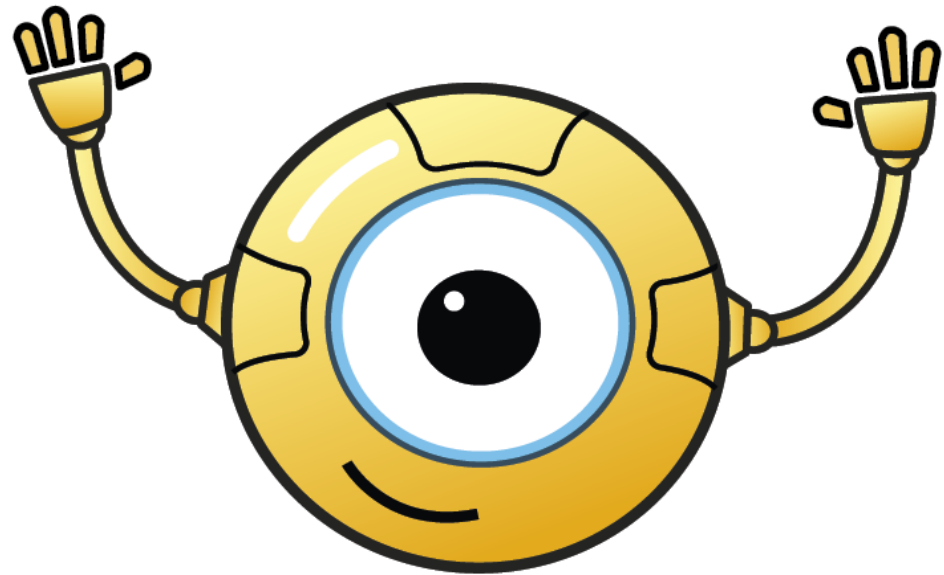
MATHS Flex

Intelligent, flexible and
personalised maths
practice

Version 1 • Marketing Design Team • June 2020 • DCL2

**Maths mastery practice
that grows and flexes
with your learners**

MATHS **Flex**



Why include AI in a practice service?

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- AI or Machine Learning analyses large data sets to look for patterns
- Rather than simply relying on pre-programmed rules about what pupils should learn, AI looks across a large data set to analyse the most effective learning routes for pupils
- As pupils use the service more the AI will understand more and more about the individual pupil. The AI will then 'flex' it's recommendations to suit them

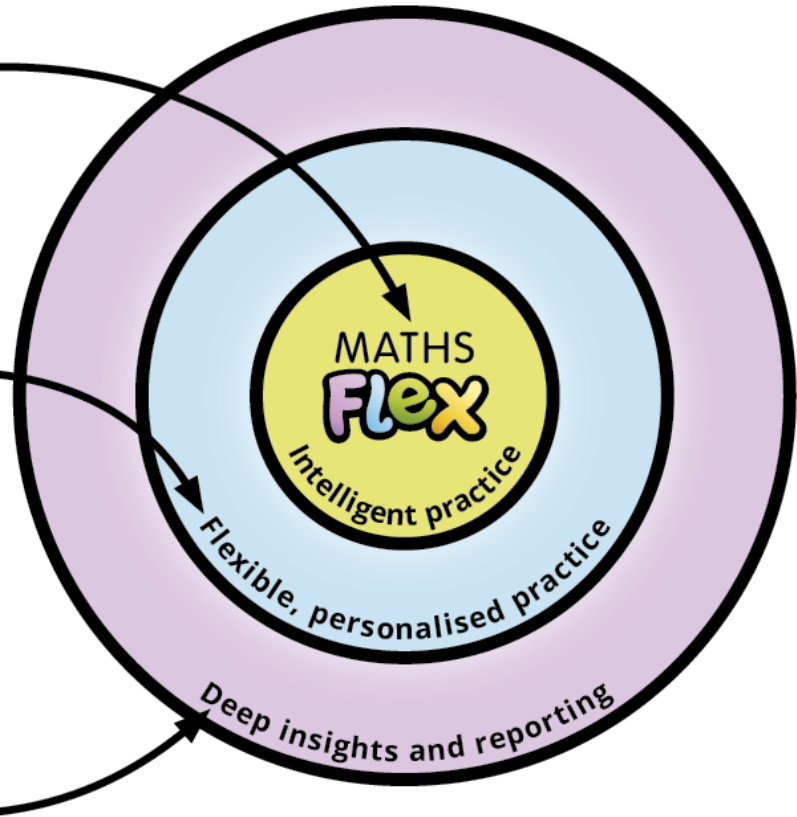
See how it works

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1 Intelligent practice
Rather than promoting simple repetition Maths Flex supports children developing fluency and confidence through varied, frequent and thoughtful practice as part of a logical, planned sequence

2 Flexible, personalised practice
The Maths Flex Learner Pathway always recommends the next most useful practice activity for the learner to tackle

3 Deep insights and reporting
Maths Flex provides deep reporting into pupils' learning with suggested actions for both the class and individuals.



See how it works (for the learner)

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In class, the Pupil works through three or four White Rose or Power Maths small-steps



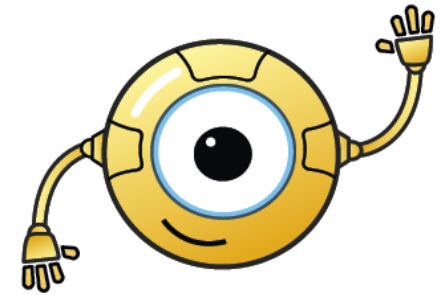
The Pupil takes a Maths Flex Check-in, a short 12 question activity to assess current knowledge and diagnose any issues



Pupil gets recommended either further practice, intervention, pre-requisite learning, long-term memory boosters or depth and stretch



Pupil receives 'coins' which they can spend in the Pupil World



What's in it? (the learner pathway)

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These are the practice nuggets recommended to the learner.

This is the practice being recommended next.

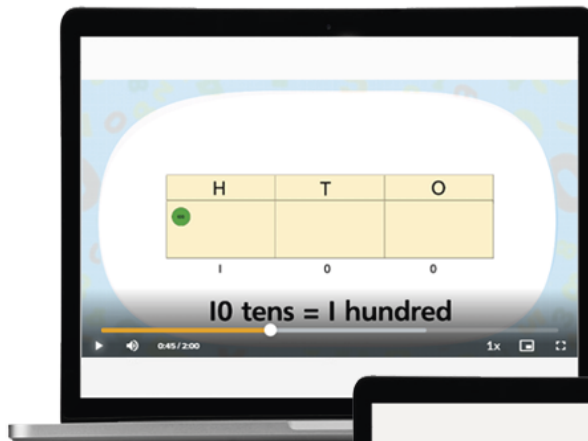
Blue circle shows level of nugget completion.



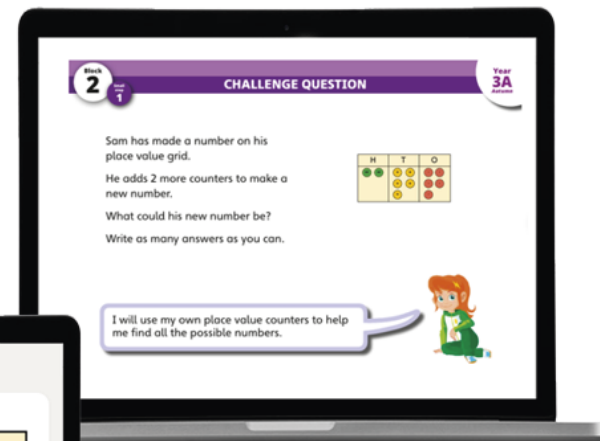
What's in it?

The practice nuggets

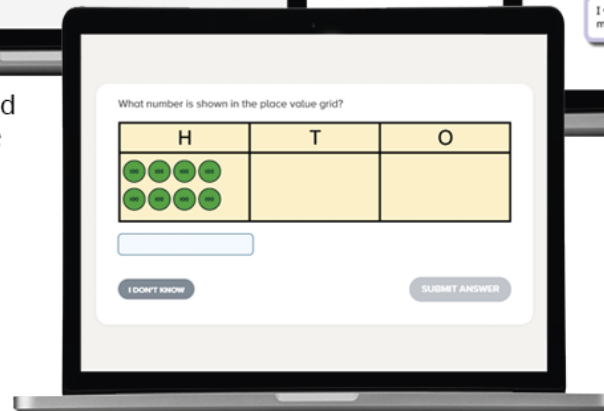
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Two-minute animated videos to re-cap the small-steps



Open-ended Bonus questions that challenge pupils to think deeply and more flexibly about the topic.

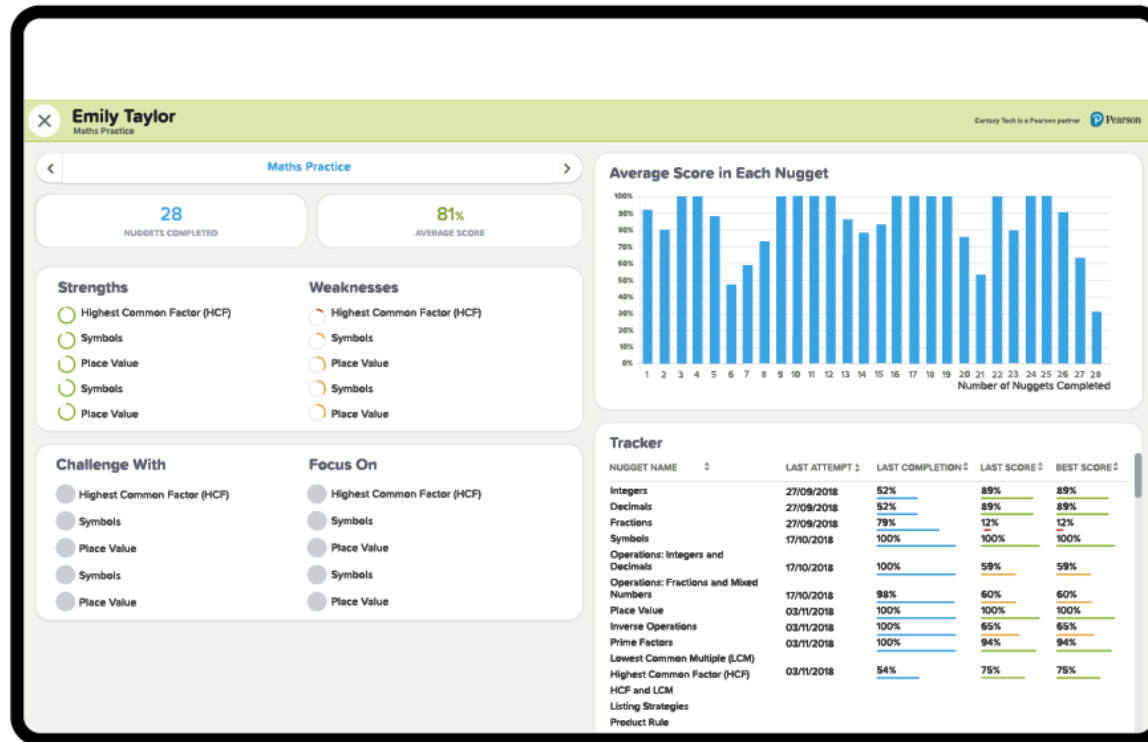


Carefully structured and well thought out practice questions

What's in it?

Teacher reporting – pupil level

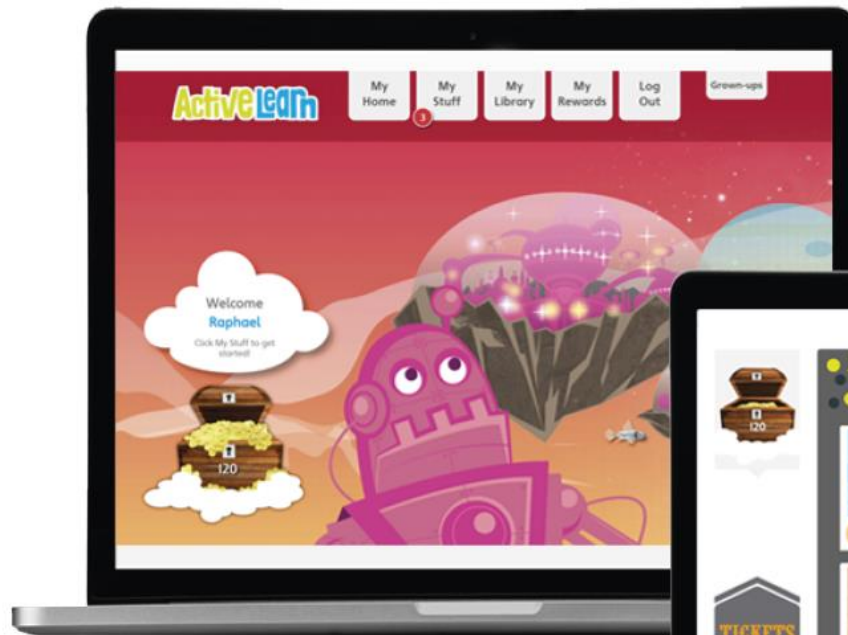
How an individual pupil is doing with suggested actions



What's in it?

The Pupil World

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Pupils earn coins for completing nuggets in Maths Flex

They get to spend their coins on a variety of rewards such as playing online games



ALWAYS LEARNING