

In a survey to Abacus users,
teachers told us how Abacus
is supporting them to make
a difference in their school.



**FOR
CHILDREN**

Increases engagement
Inspires a love of maths

**FOR
TEACHERS**

Reduces workload
Supports teaching, planning
and curriculum requirements

INCREASED CONFIDENCE

Fluency in the
fundamentals of maths
Problem solving skills

Better maths lessons



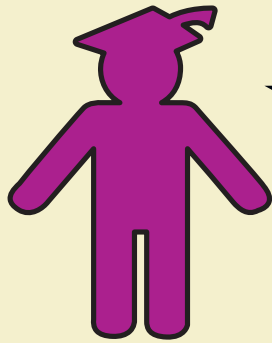
Improved progress
Raised attainment and standards
Consistency of teaching
Raised profile of maths at school
and home



NEXT STEPS

The story so far...

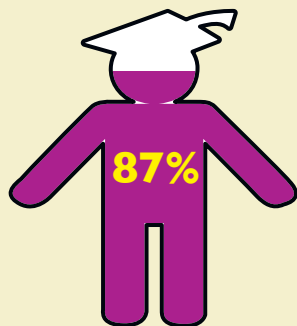
In May 2015, we sent a survey to all teachers using the Abacus service. 363 teachers responded to our survey, and told us about their experiences. We found that Abacus is having a significant impact on teachers, children and schools across the country.



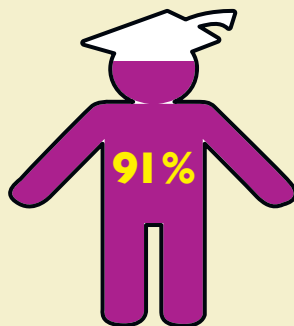
Children enjoy the interactive nature of the plans and the online teaching resources which make the teaching of mathematical concepts fun and engaging.



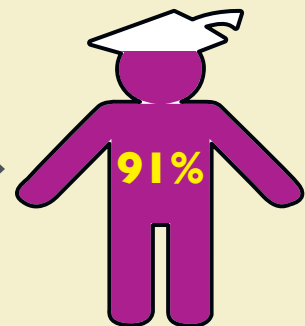
Over 93 teachers had been using Abacus for a year or more, so they were able to tell us more about the specific impact Abacus is having in their school.



Building confidence in teaching maths for all teachers



Planning effective maths lessons



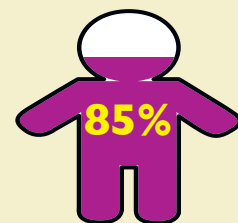
Delivering curriculum requirements



Developing children's confidence in maths



Developing children's fluency in the fundamentals of maths



Building children's enjoyment of maths

A toolkit that teachers love

Abacus is supporting teachers with the things that matter

The top three things teachers expected Abacus to support them with	Teachers who said Abacus had supported them with this aim (significantly or very significantly)
Delivering the national curriculum requirements	91%
Breaking down the curriculum into manageable teaching and learning steps	94%
Planning effective maths lessons	91%

Abacus is very flexible and can be tailored to suit the needs of my class easily.



Abacus ensures a good curriculum coverage and ensures children are engaged at the right level with useful resources.

Teachers said Abacus supports teaching and saves time

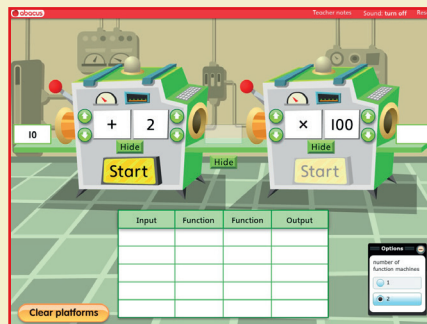
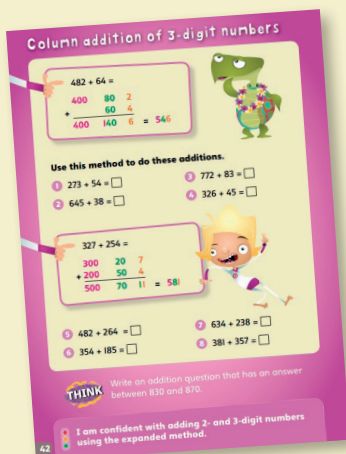
Over 80% of teachers said that Abacus has supported their teaching significantly or very significantly.



83%

of respondents told us that Abacus has helped to **reduce their workload**

Over 90% said the quality of Abacus is good or excellent. Textbooks, lesson plans and teaching materials for the interactive whiteboard are the top three components that teachers felt significantly or very significantly supported their teaching.



Supportive, adaptable, time-saving.



inspiring a love of maths

How do teachers expect Abacus to support children?

Independent research has suggested that a positive attitude to maths is key to success in the subject* and most of the teachers who took part in our survey agreed.

The majority of respondents told us that they expected Abacus to support children in:

- Enjoying maths
- Becoming more engaged in maths

Teachers told us that Abacus is meeting these expectations...



83%

said Abacus has had a significant or very significant **impact on supporting children's enjoyment of maths**

84%

said Abacus has had a significant or very significant **impact on supporting children's engagement in maths**



Great range of resources which engage and challenge children.

Children are excited to learn and respond extremely well to all the interactive and online resources. Thank you!

The children find the Abacus resources engaging and interesting. They enjoy their maths lessons and engage in the various different resources. They thoroughly enjoy the online resources.

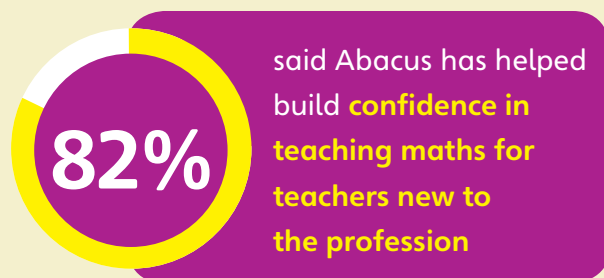
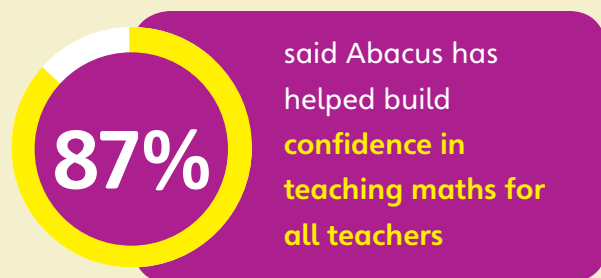
*Attitudes Towards Maths (March 2015), report by National Numeracy



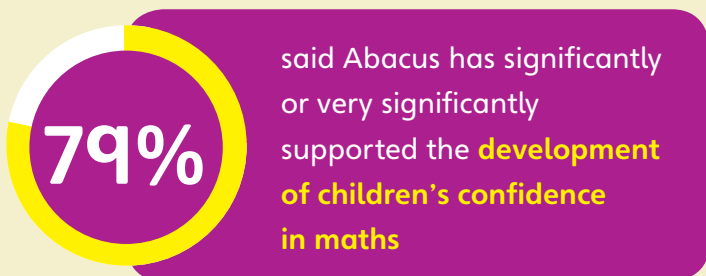
confidence for all!

Research shows that pupils who are more confident in maths tend to do better at it* so it's not surprising that building confidence was very important to the teachers in our survey. More than 85% said they expected Abacus to increase confidence in both children and teachers, and Abacus is doing just that.

The majority of teachers said that Abacus is giving them the time, tools and resources they need to deliver the national curriculum with confidence:



Abacus is having a significant impact on children's enjoyment of and engagement in maths, and teachers have seen a substantial effect on their confidence too:



A real time-saver plus adds confidence in many different ways - confidence that we are covering the new curriculum and that there are adequate resources (more than enough).

Abacus gave them (teachers) the support and confidence to grow with the new curriculum.

The children are more relaxed about their maths and have a positive learning attitude.

Great, fun, takes the fear away from learning.

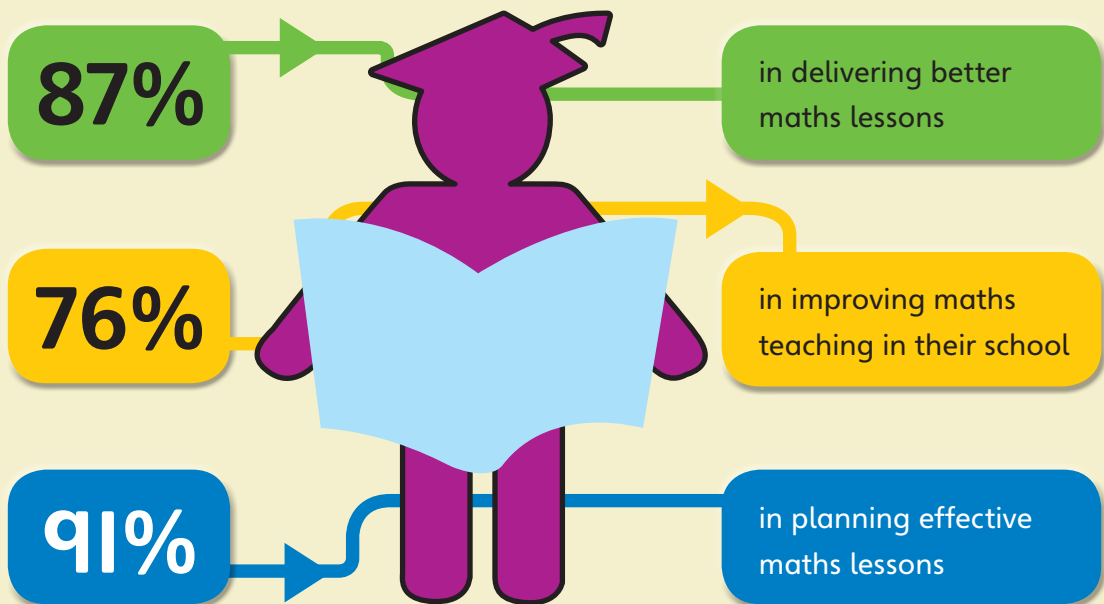


*The Trends in International Mathematics and Science Study (2012), published by DfE

Enhancing maths teaching in the classroom!

Teachers told us that Abacus is helping them deliver better maths lessons and improve maths teaching:

Abacus has significantly or very significantly supported...



Abacus has become an integral part of our school curriculum and is the key to all our mathematics teaching. It has made a great impact on the way mathematics is taught in our school.

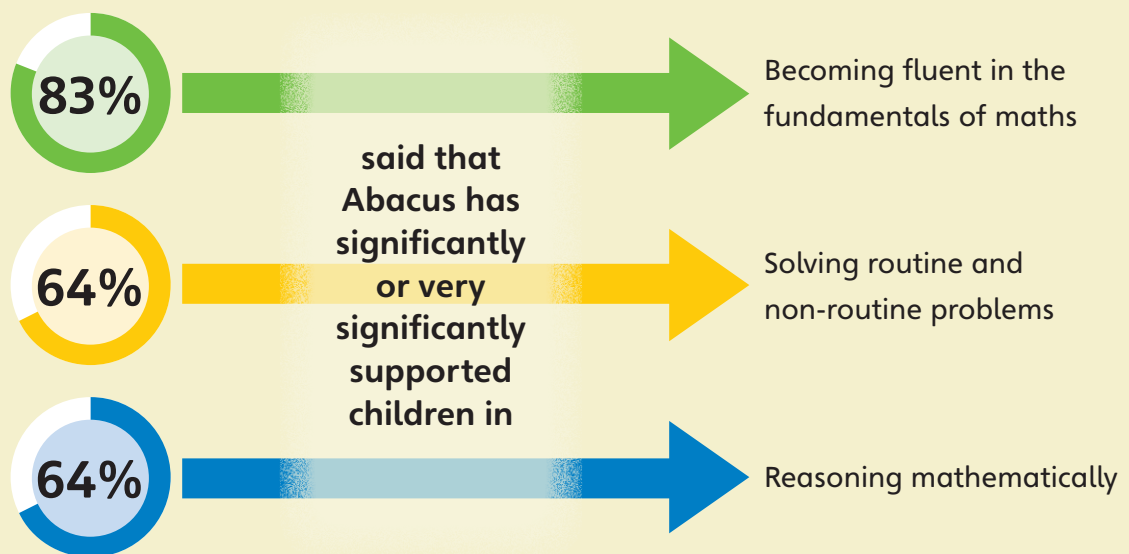
Really pleased with having a tool which enables us to develop our children, but that is flexible too.

It has taken a lot of work off their (teachers) shoulders.



Abacus is helping children understand both why and how

The National Curriculum for mathematics aims to ensure that all pupils become **fluent in the fundamentals**, **can reason mathematically** and can **solve problems**. With Abacus supporting teachers to deliver better maths lessons and increasing pupil confidence, pupils are now also showing improved understanding:



The excellent whiteboard resources have enhanced the scheme enormously and provided the visual stimulus/understanding that most children need therefore giving them better understanding of concepts.

Games are wonderful! Children thrive on playing games to secure their understanding of concepts being introduced, or as a plenary.

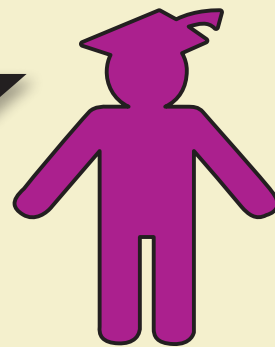
It has made a significant impact on children's maths.



The impact of Abacus in schools

The majority of teachers that completed our survey told us that Abacus supports them in delivering better maths lessons. Teachers are seeing the impact that Abacus is having on children's mathematical fluency. And now the results of using Abacus are being felt throughout the school and beyond; more than three-quarters of respondents told us that Abacus has had a significant effect in raising the profile of maths in their school and ensuring consistency of teaching.

It has ensured a whole school approach to the teaching of mathematics - it has made monitoring of progress manageable and it has engaged children and made them feel confident mathematicians.



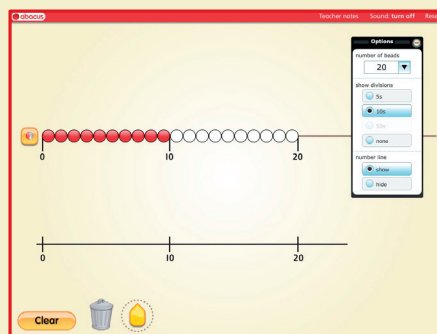
90%

said Abacus has encouraged a **consistent approach to how maths is taught through models and images.**

Abacus provides a consistent approach to teaching maths across the school and reduces the workload of teachers.

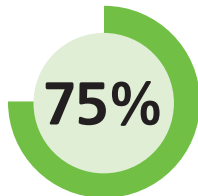
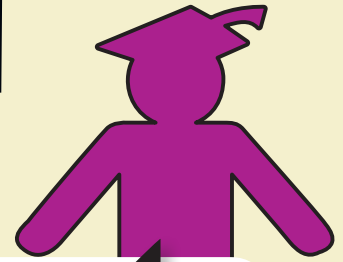
Abacus has made a massive difference to equality of provision in each year group.

Maths awareness and methods of teaching are now much more consistent through the year groups so we hope to see improved results.



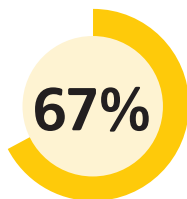
Raised attainment and raised standards

Abacus has also supported improvements in progress and attainment.

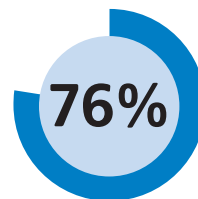


said Abacus has significantly impacted on children's attainment

Standards are raised, teaching has improved.



say Abacus has significantly supported the school to improve maths standards



say Abacus has significantly supported improvements in maths teaching in their school

Improved progress

77%

said Abacus has significantly or very significantly impacted on children's progress according to their age

Maths attainment has increased in our school since using Abacus.

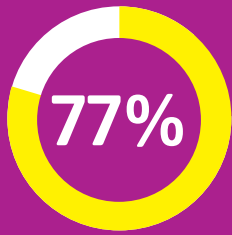
72%

said Abacus has significantly or very significantly impacted on children's progress according to their aptitude

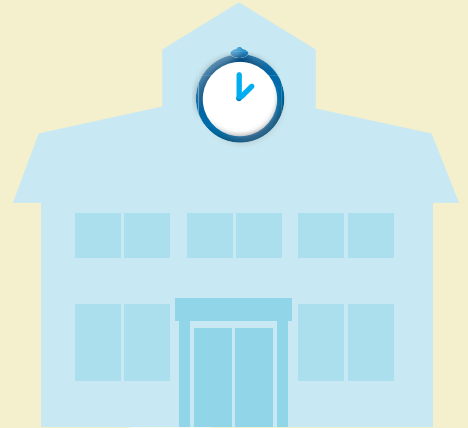
We are confident that as a school, we have progression between year groups and coverage of the new curriculum objectives.



Raised profile of maths



said Abacus has significantly raised the profile of maths. Not only that, but more than half of the respondents felt Abacus supported parental engagement at home.



[Parents] enjoy the access to homework tasks and say these encourage their child to do their homework! They find the online videos useful in ensuring they are replicating the same methods taught in class when they help their child.

The online resources do enable parents to offer more focused support to their child at home.

The videos are very useful to be able to send home to remind pupils of how to approach something and also to share with parents.

It has had a major impact on engaging the whole school community with the key whole school priority of raising maths standards for all of the children in our care.

Parents have been delighted with the improved consistency of maths across the school and have enjoyed the homework tool the children have been able to use.



so what next?

We're delighted to hear that Abacus is already having such an impact but our work doesn't stop here. There are nearly 4,000 schools using Abacus, and we're committed to keeping in touch with them so that we can learn more and measure the impact over time.

Because Abacus is a service that schools subscribe to, we listen carefully to feedback and use it to plan new developments and improvements.

To find out more about Abacus, try free samples, and to book a free demo in your school: www.pearsonprimary.co.uk/abacusreport



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