

Diamond= 16 questions in 10 minutes

- 4, 7, 10, 13nth term= ?
- Share £156 in the ratio 5:2:3:2
- $2(X+2) = 3X-3$ $X = ?$
- Write 3 consecutive whole numbers that add to make 51
- 4 out of 10 children have packed lunch. Calculate the angle you would use on a pie chart.



Diamond Dash!



Why?

- Mathematical confidence
- Quick recall
- Local Authority trends
- End of Key Stage assessments
- Resilience and perseverance
- High expectations
- What will the world be like when our children enter the job market?

What is the impact so far?

It shows my teacher how my mental maths skills and speed are improving

Erin Mcleary

It helps me with my everyday maths skills.

Katie Anne Colton

Not only has it made me fast and accurate in maths, it has made me fast and accurate in other subjects too.

Grace Smith

It's like a race against time so you want to do it, achieve and move on!

Sam Tate

I like that everytime you do Diamond Dash you get faster and more accurate until you complete it.

Josh Pope

How it works

- 15 levelled 'Precious Stones'
- Each level has associated skills (objectives)
- These objective will be taught or have been previously taught in the classroom.
- These should be practised regularly at home with a focus on **quick mental recall** and **using known facts**.

How it works



- Parents can signal when they feel their child is ready to complete a test.
- Class teachers will schedule tests according to timetables.
- All questions must be answered correctly.
- Within the time limit
- Legibility

Number Facts	Signed By Parent	Date Tested In School
Copper; One more or one less than numbers to 10		
Doubles of numbers to double 5		
Ruby; Addition/subtraction making 10		
Addition /subtraction within 10		
Amber; Doubles and halves to double 10 & half of 20		
10 more and 10 less of multiples of 10		
Pairs of multiples of 10 that make 100		
Gold; Addition/subtraction facts to 20		
Doubles of multiples of 10		
Add a 1 digit number to a 2 digit number		

Testing

Colour test	Time	Number of Questions
Diamond	10 minutes	16
Lapis Lazuli	5 minutes	11
Tigers Eye	5 minutes	14
Quartz	6 minutes	35
Opal	6 minutes 30 seconds	49
Amethyst	5 minutes 15 seconds	44
Sapphire	5 minutes 25 seconds	53
Aquamarine	4 minutes 40 seconds	50
Turquoise	4 minutes 10 seconds	46
Emerald	3 minutes 30 seconds	42
Jade	3 minutes 35 seconds	42
Gold	3 minutes 30 seconds	36
Amber	2 minutes 15 seconds	27
Ruby	2 minutes 30 seconds	30
Copper	1 minute 45 seconds	21

After the test

- Successful= Certificate and new 'Working Towards' letter sent home.
- In-class rewards
- Diamond prize

How do the Diamond Dash levels links with the National Curriculum?

- Reception: Copper and Ruby (Skills practice only)
- Year 1: Amber
- Year 2: Jade
- Year 3: Turquoise
- Year 4: Sapphire
- Year 5: Opal
- Year 6: Diamond

All children learn at their own pace.

Many children have started much lower than their year group due to test technique= expect more rapid progress.

Next year progress will be slower.

My child understands these objectives, why aren't they moving up?

- Time limit
- Legibility
- Reading the questions correctly
- Checking
- Content not yet taught in their year group

How can parents support their child?

- 'Working towards' letters with activity ideas
- Games: take the school tour to see these in action
- Time challenges
- www.nrich.maths.org
- www.sumdog.com
- Espresso
- Mental Maths EVERYWHERE!
- Make it fun
- Growth Mindset

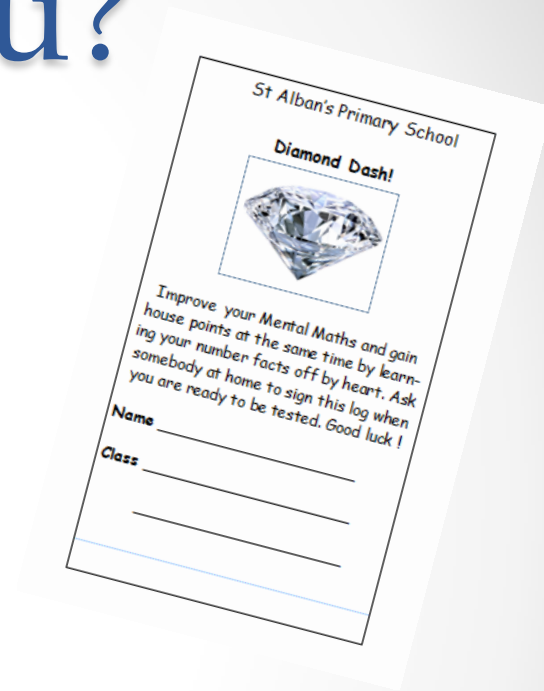
I can't do this yet!

What will I do differently next time?

I'm one step closer to my goal.

How are St Alban's supporting you?

- School website
- Diamond Dash booklet
- 'Working towards' letters provide example questions, activity ideas and test information
- Curriculum morning: Diamond Dash Activities in every classroom



Curriculum morning: Diamond Dash Activities in every classroom

- Reception: Copper and Ruby
- Year 1: Amber and Gold
- Year 2: Jade
- Year 3: Emerald and Turquoise
- Year 4: Aquamarine and Sapphire
- Year 5: Amethyst and Opal
- Year 6: Quartz, Tigers Eye, Lapis Lazuli and Diamond

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