

January 2018

Dear Parent / Carer



We are making some changes to the homework set in the maths department. As you will be aware all pupils currently have knowledge quizzes for homework every week. In maths this knowledge quiz homework will be replaced by a Hegarty Maths homework each week.

The benefits of Hegarty Maths homework

1. Every single topic in school maths (850+) is explained in 10 minute video tutorials designed and delivered by, Mr Colin Hegarty. Mr Hegarty is an-award winning teacher who won UK Teacher of the Year 2014 and was nominated in the top 10 teachers in the 2016 Global Teacher Prize.
2. After every video, HegartyMaths, has an assessment with questions covering everything taught in the video so students can practise and ensure they understand the maths Mr Hegarty just presented.
3. HegartyMaths records everything your child ever does on the system (their progress and effort), reporting it back to the teacher and to the child so it's clear what their strengths and weaknesses are and how hard they are working.
4. HegartyMaths allows a parent to see everything their child needs to learn and support them. Often parents who may be unsure of the schools methods like to watch the videos along with their child and understand the techniques their child needs to know.
5. HegartyMaths, remembers all the child's mistakes and gives them practice on their weaknesses so they can do impactful independent learning.

Why do they have to watch the video?

1. **Ensures your child will be successful:** Watching the video will ensure your child will do well in the quiz and feel good about their homework and maths. We don't want your child to feel like they are on their own at home and the videos will give you the support they need to guarantee that they have a successful homework.
2. **Helps improve their memory:** Copying down modelled examples helps your child remember their maths and get it into their long term memory.
3. **Method marks:** Copying down modelled examples helps your child practise how to lay out their maths properly to help them get questions correct and get extra method marks in exams even when they make mistakes.
4. **Good revision:** This is revision. When revising pupils sometimes have to look over material they already know – that's just as important as learning new things as making old learning solid helps prevent students from forgetting things
5. **It is important as it helps your child be independent:** Doing maths at home with these good habits and methods will help your child become more independent and be able to learn on their own (a vital life lesson).

'Aim for Excellence'

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What happens if they choose not to watch the video?

1. **Pupils get stuck and frustrated:** Many pupils who just do the quizzes get really annoyed and frustrated with themselves as they make lots of mistakes and don't understand why or how to get better.
2. **Pupils stay at the same level:** Pupils who just practise questions only get questions correct on topics they already know and they get questions wrong for topics they don't know yet. They never improve. Watching the video means that for things they already know, they will secure that knowledge, and for things they don't know yet, they can learn and so get better.

Pupil Hegarty Maths Homework Checklist

	Action	✓ or ✗
1	I always write the date, title, clip number and H/W for all my tasks.	
2	I always watch the video before attempting the questions.	
3	I always take full notes of all the examples modelled in the video.	
4	I copy every question that I attempt in my book.	
5	I show all my workings for every question in the quiz that I do.	
6	I try to model my work the way I was shown in the video by Mr Hegarty.	
7	I use a pencil and ruler for all diagrams.	
8	I mark my work correct/incorrect as I go.	
9	I write down corrections when HegartyMaths tells me the correct answer.	
10	I write down my score at the end of quiz .	

5 things pupils can do for further improvements

	Action	✓ or ✗
1	I go back to my donut and pick lessons that are red (<70%) to redo them to make them amber (>70%) or green (100%).	
2	I go back to my donut and pick lessons that are amber (>70%) to redo them to make them green (100%).	
3	When working on lessons that are red or amber and I cannot make them 100% , I rewatch the video and look at the building blocks which may help me.	
4	I complete a Fix-Up-5 where HegartyMaths gives me 5 practice questions on parts of maths that I might be weak on.	
5	If my teacher has given me a revision list of clips on HegartyMaths, then pick a topic on that list and complete a homework the normal way myself.	

If you have any questions please email lorraine.taylor@george-eliot.warwickshire.sch.uk

Yours sincerely



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