

Year 7 Information Evening

27th November 2018

Aim of This Evening

To explain how your child is assessed at Studley High School, data collected and how it will be reported to you;

Information on Hegarty maths;

Information on Teaching and Learning, SHINE and Homework.



Data and Assessment

Assessment

In class



Written work
Practical work

End of topic tests



Written test
Coursework

Attitudinal Data



Effort
Behaviour
Homework



Targets

These are set based on KS2 data.

There are targets for the end of KS3 and KS4. They will be along the 1-9 GCSE Grade system.

These are set and do not change through their school career.

Your child's progress is not limited by their target.



Data Collections

There will be collection of data based on these assessments at a number of times throughout the academic year.

This will allow the class teacher and department to monitor the progress of your child.

Eg: the collection of progress since Sept.



Reporting

The data collections will be linked to reports that will be sent to yourselves.

There will also be one full written report each year.

Also Parents' Evenings where you will have the opportunity to discuss progress with class teachers.



Time Scale

Dec 6th 2018 - Parent Subject Evening

Feb 4th - Data Collection - Interim
Report

3rd June 2019 - Exam

24th June 2019 - Full Written Report



What is HegartyMaths?



Ensuring your child thrives at home with their maths...



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Ofsted
Outstanding
Provider

Who is this Mr Hegarty?

Mr Hegarty....

- 1) ... loves maths and teaching it and knows that any student can do well in maths if they work hard.
- 2) ... was the first person ever in his family to go to University where he got a First in Maths from Oxford University
(he believes he was not special or that clever -> he just had good teachers and worked hard!)
- 3) ... became a secondary school maths teacher (his dream job!) as it was his ambition to help any student succeed in maths.
- 4) ... has won teaching awards and been on TV talking about how much he loves maths and wants kids to do well!



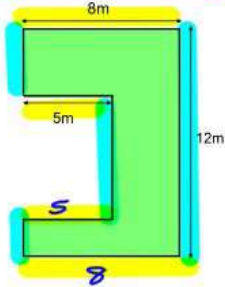
What does a homework on HegartyMaths look like?

Perimeter (4)

Example
Work out the perimeter of this shape.

$2 \times 12 = 24m$

$8 + 5 + 5 + 8 = 26m$



551 - Perimeter (4)

Learn how to find the perimeter of a compound shape.

Video watched 0.00x

Your score **New lesson** HegartyMaths avg 60%



Step 1:

You child needs to watch the video, take notes of all modelled examples.

Perimeter (4)

Example
Work out the perimeter of this shape.

$2 \times 12 = 24m$ ✓
 $8 + 5 + 5 + 8 = 26m$

VIDEO NOTES

14th July 2016

Example 1
Perimeter = $7+7+7+7$
 $= 4 \times 7$
 $= 28mm$

Example 2
Perimeter = $4+9+4+9$
 $= 18+18$
 $= 36m$
Perimeter = $2 \times 9 = 2 \times \frac{18}{2}$
 $= 18 \times 2$
 $= 36m$
Perimeter = $2 \times (4+9)$
 $= 2 \times 13$
 $= 26m$

Example 3
Perimeter = 5×9
 $= 45m$

Example 4
Perimeter = 4×5
 $= 20cm$

Example 5
Perimeter = 3×4
 $= 3 \times (4 + \frac{4}{3})$
 $= 12 + 4$
 $= 16mm$

Key Words:
• Length
• Units
• Distance

Regular means all sides are same length.

Don't forget units!

Doesn't matter which method you use, they all work!

Here is an example of a great homework!



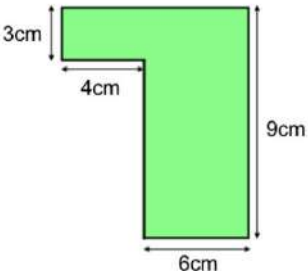
Step 2:

Your child then needs to assess their learning from the video in a quiz.

Geometry & measure > Perimeter > 551 - Perimeter (4) > Quiz

1 of 12

Work out the perimeter of the shaded shape.



The diagram is not drawn to scale.

cm


Do not use a calculator

Watch video

On-screen keypad

Check


1) Perimeter of shaded shape? *No Calculator*



4 sides all with single class
↳ square

$$P = 4 \times 2$$
$$= \underline{8 \text{ mm}} \checkmark$$

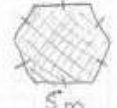
2) Perimeter of shaded shape?



Rectangle

$$P = (2 \times 6) + (2 \times 11)$$
$$= 12 + 22$$
$$= \underline{34 \text{ m}} \checkmark$$

3) Perimeter of shaded shape?



6 equal sides
↳ Hexagon

$$P = 6 \times 5$$
$$= \underline{30 \text{ m}} \checkmark$$


Student checklist for great weekly homework

	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 .	



What to do if your child is stuck on their homework?

The screenshot shows the HegartyMaths interface. At the top, there is a video player for 'Area of sector (2)' with a progress bar at 07:32. Below the video is a 'Building blocks' section with three items:

- 546 - Area of a sector (1)**: A question preview shows a sector with a radius of 10cm. The progress bar is at 10%.
- 557 - Triangles (1)**: A question preview shows a triangle with sides 8m, 15m, and 17m. The progress bar is at 100%.
- 56 - Round decimal numbers**: A question preview shows the number 6.692 to be rounded to 1DP. The progress bar is at 92%.

1) Watch the **video again** really carefully ensuring all examples are copied and see if hearing and writing it down a second time helps.

2) Look at your **building blocks**. These are the lessons that will help you with your current homework. If these are not at least amber, they should redo those as it will help on your current work.

In the picture, the student will struggle with homework 547 as they have only 10% on lesson 546.



Why does your child always 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 one sometimes has to look over material one already knows – that's just as important as learning new things as making old learning solid helps prevent students from forgetting things.
- 5) **We think it's 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).



What happens when students use Hegartymaths properly?

- 1) Students start enjoying maths and understand more in lessons.
- 2) Students like doing their homework as they feel successful.
- 3) Students do well in their exams.



What if your child has completed all homework – what else could they do?

5 things you should do when you want to do extra work

	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.	



8 things parents could do at home to help their child...

	Action	✓ or ✗
1	Each week ask about your child's homework Ask your child what day the homework was set, when it must be handed in, what clip number and topic it is and when your child plans to complete the homework. Try to encourage your child to complete the homework well before the due date.	
2	Provide your child a good place to work Provide your child a quiet but supervised place to work. As the homework is online, it's good to be in the room to ensure your child is not getting distracted by other online activities. Furthermore, as it's a written homework, your child will need a desk, table or flat surface to copy their notes. If you don't have a suitable place at home to work or weak wifi, please encourage your child to attend their school's homework club.	
3	Get your child the correct equipment Your child will need a black/blue pen for all working, a pink highlighter for marking all wrong questions, a green highlighter for marking all correct questions, a red pen for writing corrections, a pencil and ruler for drawing all diagrams. Many lessons also require a scientific calculator and geometry set.	
4	Encourage your child to work in the right way Please always check your child has carried out their homework following the three requirements below which will have been modelled and encouraged by their teacher: i) Always watch the video and take notes of all modelled examples provided; ii) Always write each Q down and show all their workings always; iii) Always mark each question, make corrections and write their score at the end.	

5 Sign-off their homework each week

Each week ensure you sign-off your child's maths homework to say you have viewed it and believe they spent **30 mins to 1 hour** on it and they have completed the 3 key expectations above.

6 Encourage your child not to give up if they are making mistakes

If your child is making mistakes, tell them that is ok and normal. As long as your child is working in the correct way (watching the video, taking notes, writing their workings and self-correcting) then praise them for their hard work and application. Try not to focus on their score as this can demotivate them. If you praise their effort and tell them they will eventually improve if they keep working in this way they will be happy and want to do their weekly homework.

7 Reassure your child if they are not understanding

If your child completely does not understand the video, watch it with them and try to help them understand. Also look below the video to their building blocks. Redoing these lessons will help your child plug any gaps in their prior learning needed for the current homework.

8 Help them do extra work or get ahead

Before learning new topics, always encourage your child to do two things:

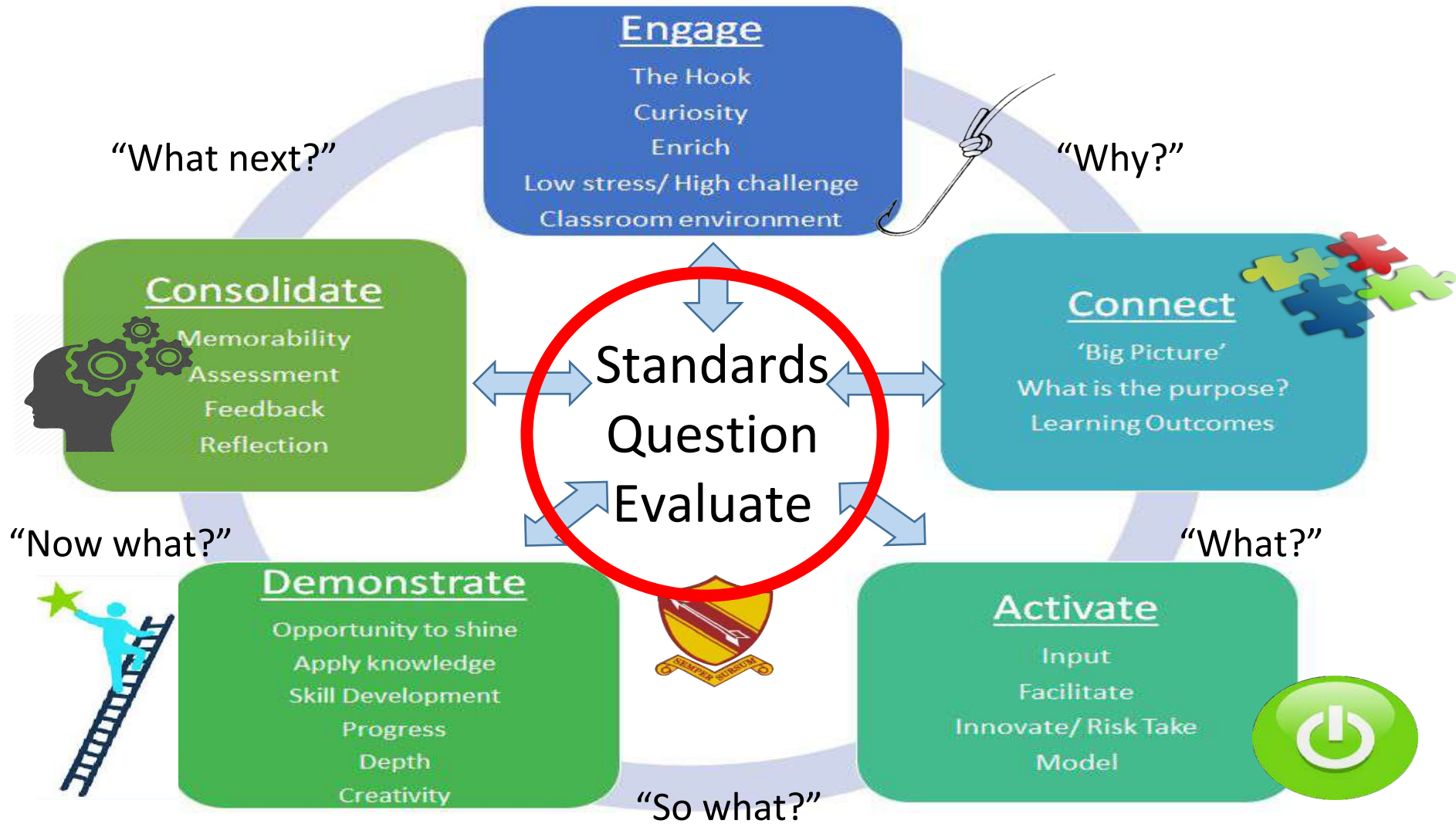
- i) Fix lessons marked in their donut as **red (under 70%)** or **amber (between 70 and 100%)** and try to make them **green (100%)** by redoing them.
- ii) Complete a **Fix-Up-5**. HegartyMaths will remember every mistake your child has ever made and gives them 5 practice questions on their weaknesses with the help video. This will allow your child to improve quickly.

Once the two above are done, then you can consider completing extra new lessons. Ask your child's teacher for the best extra clips to do.

Teaching and Learning at Studley High School

- ▶ What does 'learning' and 'teaching' look like in your child's classes?
- ▶ What strategies do staff use to promote learning and progress?
- ▶ What are our expectations of homework?
- ▶ How do we quality assure the classrooms here at Studley High?





Knowing your child...

The screenshot displays the ClassCharts software interface. At the top, there are tabs for 'PILS', 'ANALYTICS', and 'HOMEW'. Below the tabs, there's a section for 'multiple' and 'Attendance'. The main area shows a profile for 'Rebecca Dewling' with a '41' score and a '-7' indicator. Below this, there are two student profiles: 'Nick Nicholas' with a '42' score and '-6' indicator, and 'Lee Glendel' with a '47' score and '-9' indicator. Each profile includes a grid of colored squares representing different subjects or activities. To the right of the profiles, there are buttons for 'Positive' and 'Negative', and tabs for 'SEN', 'Notes', and 'Q+A'. Below these are various icons representing different skills and behaviors, such as 'Creativity', 'Good progress', 'Good work', 'Kindness', 'On task', 'On time to', 'Perseverance', 'Retaining', 'Self Motivation', 'Sharing', 'get Met', and 'Towards Target'.



ClassCharts
Part of **tes**



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SHINE in the classroom

Quality First Teaching

Questioning

Extension

Acceleration

Tailored homework

Use of RealSmart

Leadership development



Homework at Studley High School

- ▶ Why?
- ▶ When?
- ▶ What?
- ▶ Now what?



Homework is a vital part of your child's education. It provides **opportunities to further their understanding of work** they have done in class and also **enables them to develop important skills** such as the **ability to study and work independently**.

Homework is **set regularly and via realsmart** by **all class teachers**. Please contact your child's tutor if **hard copies of homework is required**.



At KS3 and for the **majority** of subject areas, this mean a **weekly set** homework, with the exception of:

- **English** – one homework set per week.
- **Art and ICT** (at KS3) – homework set every two weeks.
- **RE** - every three weeks.
- **Drama, Music and Technology subjects** – half-termly projects at KS3.

At KS4, the same applies (starting at Year 9). However, homework may increase at certain ‘crunch’ points of the year. Many homeworks at KS4 **will be designed to support revision and GCSE preparation.**



Homework at Studley High School

The screenshot shows a web browser window displaying the homework management system. The browser's address bar shows the URL <https://homework.realsmart.co.uk/homework#/mentor/home/active/3>. The page header includes navigation tabs for 'My Homework', 'My Classes', and 'School Overview', along with the school name 'STUDLEY HIGH SCHOOL' and a user profile icon. A sidebar on the left contains a 'Dashboard' menu with options: 'Active', 'Scheduled', 'Complete', and 'Deleted Homework'. The main content area, titled 'Active Homework', features a '+ Create New Homework' button and a 'Mark As Complete (0)' button. Below this, a list of homework assignments is shown, each with a date, subject, and status:

Date	Subject	Status
30th November	History	11:00-11:15 Physical Hand-in
29th November	Religious Education	10:20-10:35 Physical Hand-in
29th November	Information Technology	10:10-10:25 Physical Hand-in
27th November	History	10:30-10:45 Physical Hand-in



Working with staff to improve homework...



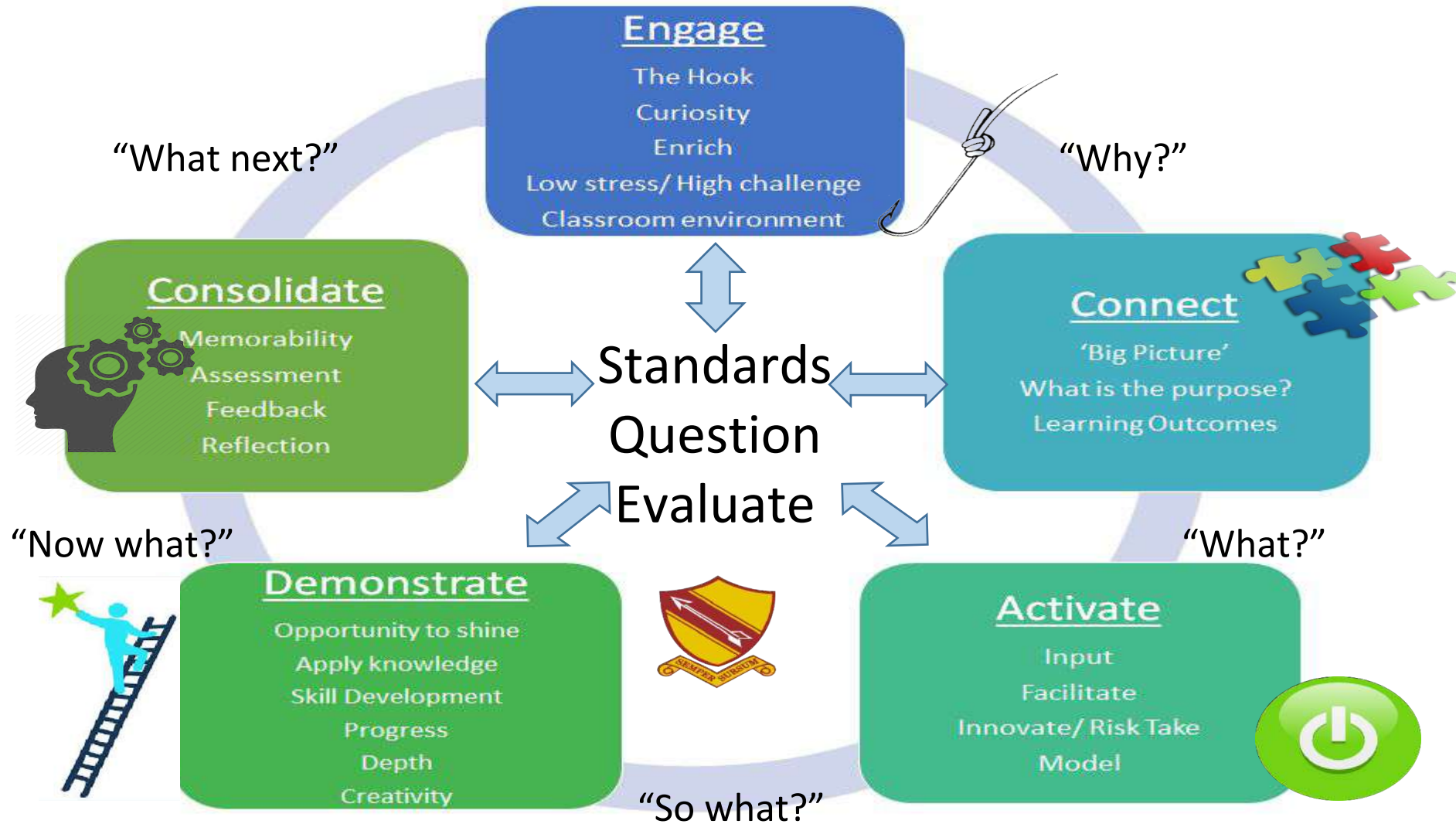
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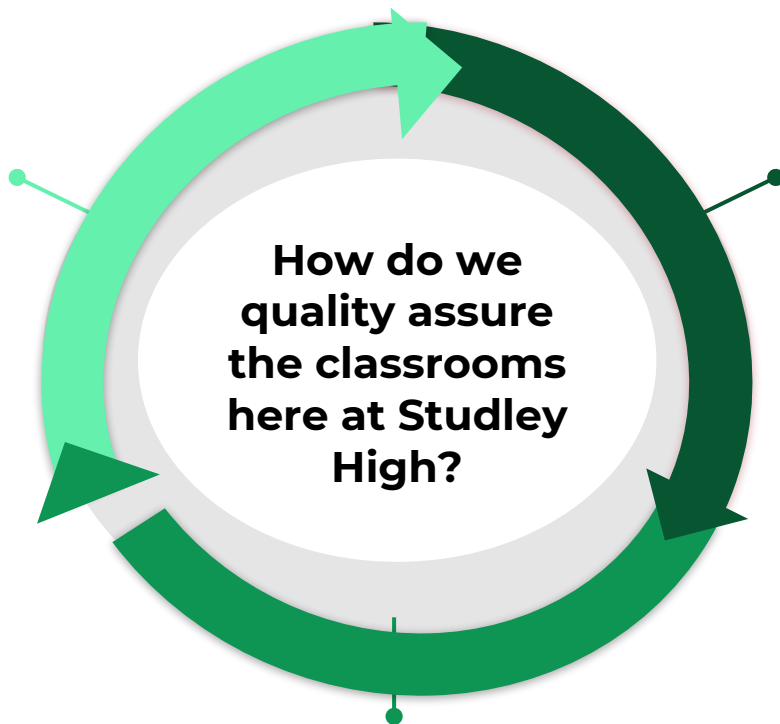
Working with staff to improve homework...

- How does the homework we set help fulfill the 'aims' expected?
- How do the instructions given/ tasks set support parents?
- What opportunities do we provide for pupils to 'SHINE'?





**Teacher/ parent/
pupil voice**



**Training
Opportunities**

**Leadership Quality
Assurance**



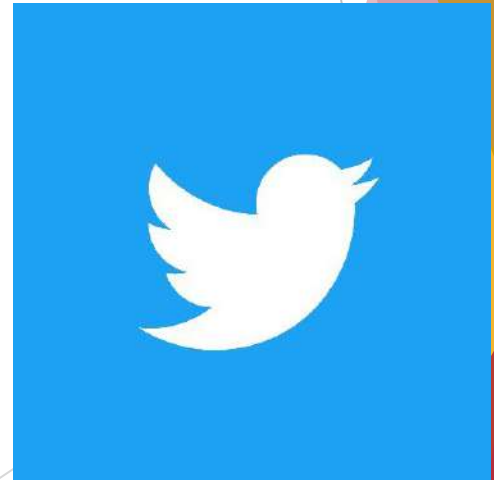
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Official**

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Information on Teaching and Learning, SHINE and Homework.



Questions?

- ▶ We are all available tonight for general questions.
- ▶ Your child's tutor and/or Head of House/Pastoral Manager will be able to help with pastoral issues or general concerns.
- ▶ Please contact individual class teachers for subject specific issues (or the Head of Department). This can be done by telephoning or emailing the school office.
- ▶ Use Parents Evening (next week) for further conversations with staff.

