

Key Stage 3 Maths

Parental Engagement Evening

19th October 2016



Sandbach High School
and Sixth Form College
Our Academy, Our Future

Key Stage 3 Maths lessons at SHSSFC

- 7 per fortnight
- A typical Maths lesson...
 - > Focus on mastery and deepening understanding
 - > Develop problem solving skills
 - > Varied structure: whiteboards, group work
 - > Extension / support options

Setting

Year 7

S1 B1

S2 B2  Same

S3 B3  SOW

S4 B4  Same

B5  SOW

Year 8

S1 B1


S2 B2  Same

S3 B3  SOW

S4 B4

Year 9

S1 B1 

S2 B2  Higher GCSE

S3 B3  Foundation GCSE

S4 B4 

Setting continued

- Initial sets based on KS2 results
- Clustered with MFL and Science
- Three formal cluster reviews per year
- Teachers' judgement, classwork, homework and formal test results are all taken into consideration

Homework

- 1 piece per week (or equivalent)
- 1 formally assessed per fortnight
- Feedback sheets and progress questions used to enhance progress

Significant figures homework feedback

Grade achieved: 3+ Effort: 0

Key: Success / Priority as next step

- You correctly round up or down by checking the next digit
- You add zeros to hold the place value
- You can round when the number starts with zeros
- You count subsequent zeros as significant once they have had another digit in front of them
- You know you don't need extra zeros in decimals once you have got enough significant figures
- Extension: apply to problem solving questions

My response is:

I round a number to 2 sig. figs and the answer is 25,000. What is the biggest and smallest possible numbers I started with?

1.) ~~24,000~~ ~~915,000~~ 25,499.9

2.) ~~15,000~~ ~~25,500~~

24,500

Formal assessments

Year 7

Year 8

Year 9

Feb 2017

Jan 2017

Dec 2016

June 2017

May 2017

June 2016

New grades

All pupils in Maths now follow new grading system

Current KS3 Levels	Current GCSE Grades	New GCSE Grade equivalent
	A* +	9
	A* =	8 +
	A* -	8 =
	A +	8 -
	A =	7 +
	A -	7 =
		7 -
8H	B +	6 +
		6 =
8S	B =	6 -
8L	B -	5 +
7H	C +	5 =
		5 -
7S	C =	4 +
7L	C -	4 =
		4 -
6H	D +	3 +
6S	D =	3 =
6L	D -	3 -
5H	E +	2 +
5S	E =	2 =
5L	E -	2 -
4H	F +	1 +
4S	F =	1 =
4L	F -	1 -
3H	G +	1 =
3S	G =	1 -
3L	G -	1 -
	U	0

