

# Heckler



HECKMONDWIKE  
GRAMMAR SCHOOL

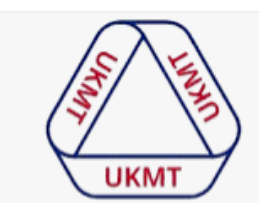
Week 5 Published 13/10/2023

## Senior Mathematical Challenge

This year the 71 students entered achieved 19 Gold awards, 23 Silver awards and 21 Bronze awards.

In year 13: Gold award winners were Rohan Patel, Harvey Swift, Christopher Drake, Arshbir Sekhon, Adwait Upasani, Divya Vijayanand, Hannah Baporia, William Wang, Ella Huang, Samuel Walshaw and Ismail Patel.

In year 12: Gold award winners were AyanGupta, Rishi Mikkilineni, Suchir Gupta, Luke Drury, Daniel Grigorjanc, Isaac Tilley, Lucy Webb and Safiyah Lunat



Special congratulations to Ayan Gupta who was best in school and achieved full marks on the challenge – an outstanding achievement. Both Ayan and Rohan Patel have qualified automatically for the prestigious British Mathematical Olympiad and all other Gold award winners for the Senior Kangaroo.

Well done to all participants!



# Business, Economics and Finance Pathway



We've had a few events happening in school over the last couple of weeks. Mr Zafar ran an Entrepreneurship Talk where students found out about the pros and cons of being your own boss and realities of self-employment. A small group of sixth formers also benefitted from an 'Executive Coaching' session with Mr Zafar where they were able to discuss their ideas and



challenges.

Students enjoyed getting feedback on their business ideas and said

It was interesting to understand fully how USPs come about and that multiple successful companies did start out very small, but were still capable of growing further.

We were also fortunate to have another visitor, Mr Lucas into school to discuss his path into Accountancy. Mr Lucas was impressed with the interest shown by students and the level of questions that younger students asked.

HGS is certainly fortunate to be able to draw on the insight and experience of our alumni and thank them for their generosity with their time.



## Medicinal Sciences Pathway

The medicinal sciences pathway had 50 nervous students take part in mock multiple mini interviews for medicine, veterinary science and dentistry. We had guest interviewers from Bradford university, Huddersfield university and theatre teams from the MHS mid yorks trust. The feedback from the students and visitors was

that most were very prepared and very able with the interview process. We wish them the best of luck now for when the real interview invitations come in and hope they can grow from this experience.





# **SPOOKYLICIOUS** HALLOWEEN MENU

**BEEF & MIXED BEAN CHILLI**

**SERVED WITH RICE, TORTILLA CHIPS AND SIDE SALAD**



**JACK"O"LANTERNS**

**CREAMY CHICKEN & VEGETABLE PIE TOPPED WITH GOLDEN PASTRY PUMPKIN FACES, SERVED WITH SEASONAL VEGETABLES & GARLIC VAMPIRE FREE Potatoes**

**STUFFED ZOMBIES**

**PEPPERS STUFFED WITH A SAVOURY CHEESE & VEGETABLE RICE, SERVED WITH A BLOOD SAUCE, garlic vampire free potatoes & SALAD**

**GRAB AND GHOUL OPTIONS**

**JUMBO HOTDOG WRAPPED IN A CHEESY PIZZA DOUGH, OR SPIDERS WEB PIZZA SLICES**

**BOTH SERVED WITH SCREAMING SPICY WEDGES & SWEETCORN SALAD**

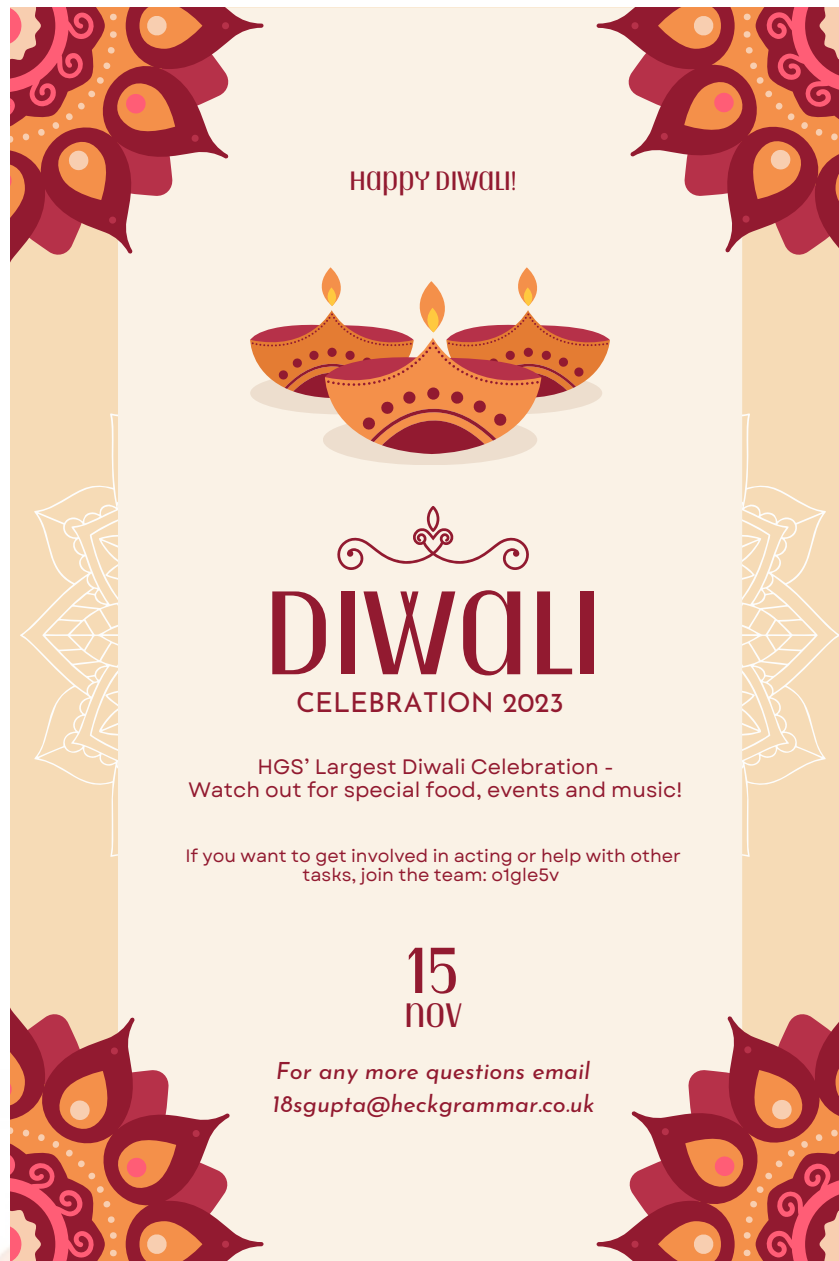


**ASSORTED SPOOKY SWEET TREATS ALSO AVAILABLE  
SEE THE COUNTERS FOR DETAILS**



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# THE MULTI-FAITH SOCIETY - HINDU



## The Multi Faith Society - DIWALI EVENT

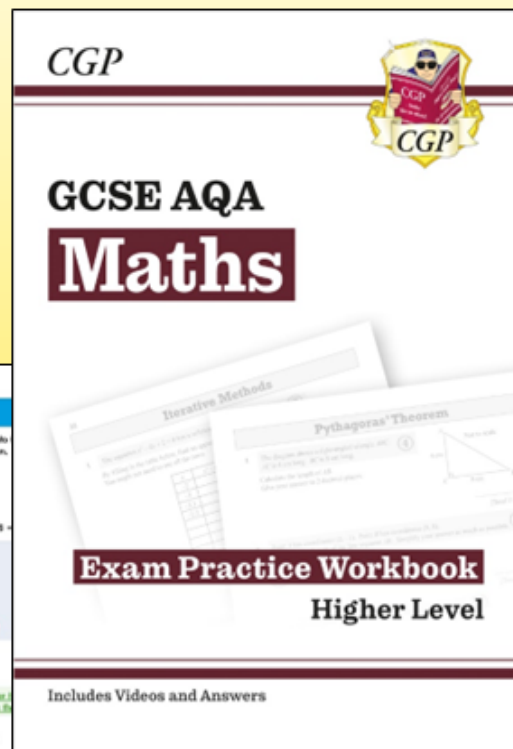
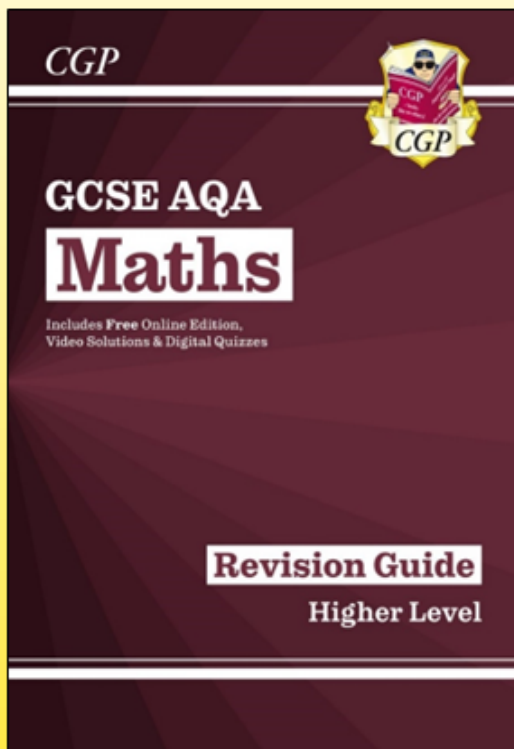
15 November we see the Multi Faith Society celebrate the Hindu festival of Diwali by orchestrating the following:

- A play, which is a depiction of the Ramayana: a story highlighting the triumph of good over evil
- You will experience of traditional Indian art (rangoli)
- Indian traditional food being prepared as well as sweets being offered
- If anyone who wants to help with rangoli or vote on what sweets we should buy, then they should join the team to express their opinions via code: o1gle5v

If you need any further information please email [18NRSasikumar@heckgrammar.co.uk](mailto:18NRSasikumar@heckgrammar.co.uk)

THE MULTI-FAITH SOCIETY

# GCSE Maths Revision Guides and Exam Practice Workbooks



**EXAMPLES** A teacher in CGP including VNF, VNF is paid at 20%.  
What is the price of the teacher including VNF?

1) Find the multiplier:  $20\% \text{ increase} = 1 + 0.2 = 1.2$   
2) Multiply the original value by the multiplier:  $£28 \times 1.2 = £45.60$

**Type 3 — Express  $x$  as a percentage of  $y$**

**Steps**  $x$  by  $y$ , then multiply by 100. E.g. 200 is a percentage of 400 =  $\frac{200}{400} \times 100 = 50\%$ .  
N.B. if  $x$  is bigger than  $y$  you'll get a percentage that's bigger than 100.

**EXAMPLE** There are 480 pupils in a school. 55% of these are girls and 59 of the girls have blonde hair. What percentage of the girls have blonde hair?

1) Find the number of girls in the school:  $55\% \text{ of } 480 = 0.55 \times 480 = 264 \text{ girls}$   
2) Divide the number of blonde-haired girls by the number of girls and multiply by 100:  $\frac{59}{264} \times 100 = 22.348 \dots = 22.3\% \text{ (3 dp)}$

**Fact: 70% of people understand percentages — the other 40% don't...**  
I earn the details for the three single types of percentage question, then try this Practice Question:

Q1 A cricketer scored 250 runs in their first innings. One player scored 30% of these runs. In the second innings, the same player scored 315 runs. Express his second innings score as a percentage of his first innings score. (3 marks)

Section Four — Ratio, Proportion and Rates of Change

3) If Adam had been travelling within the speed limit, what is the maximum time it should have taken him to pass between the cameras? Give your answer to the nearest second.

4) In 2013 Mo ran a long-distance race and finished with time  $t$ . In 2014 he finished the same race but his time was 37% quicker. By what percentage did his average speed for the race increase? Give your answer to 2 decimal places.

6) When the distance will be the same for both cars, the acceleration will be the same.

Score:

11

Section Four — Ratio, Proportion and Rates of Change

now available on ParentPay.

£3.20

Available to Year 10 students.  
Order before **Monday 6th November**.



# NOVEMBER

## Upcoming Events

- 26 Oct** Sixth Form Open Evening 6pm-9pm  
Note - School closes 2.15pm
- 27 Oct** **Inset Day** School Closed Students
- 30 Oct** **Half-term**  
**3 Nov**
- 6** School Reopens
- 17** Children In Need  
Non-uniform Day
- 30** YEAR 11 Parents Evening  
More details to follow





We are sure you have seen the news regarding some of the KAL (Kirklees Active Leisure) leisure sites, there is a great risk of closure for many sites including Batley and Dewsbury. The council are running a consultation currently to see how these changes would affect the community. We have agreed, at HGS, to spread the word of the consultation to get as many views as possible.

We know KAL employs lots of people from HGS, some at the affected sites, and also provide services to many students, staff and their families. Students have asked that the consultation be shared in the Heckler and bulletin to encourage as many views as possible.

Here is the link: <https://www.kirklees.gov.uk/beta/food-exercise-and-sport/leisure-centre-review-consultation.aspx>

We believe that this would be a good way to spread the consultation and try to aggregate as many views, to hopefully challenge the decision of some of the closures.

**THANK YOU**



# CHRISTMAS

4 November to 4 December

## Appeal

This Christmas share your generosity with the families in need. We will be collecting for The Salvation Army Heckmondwike's Christmas Toy and Food Bank Appeal from Monday 6 November to Monday 4 December

Items to donate

### Food Parcels

Cereal, soup pasta, rice, tinned tomatoes/vegetable/fruit, sauces, lentils, bean and pulses, tinned meat/fish, tea/coffee, biscuits, toiletries, household cleaning products –

anything non-perishable.

### Toys/gifts

all age groups and genders

These must be new, please do not send anything that is 2nd hand

Over the past couple of years this has been a very well supported appeal and we hope that once again our staff, students and their families will continue with their generosity.

Donations will be collected in Form Room until instructed otherwise