Newsletter

21st January 2019

A Level and GCSE Students *Spring into Spring*

Years 11, 12 and 13 all attended a 'Spring into Spring Term' event on Monday January 7th. External speakers came into school to encourage students to begin revising for their summer exams, giving advice and guidance on the practical ways in which they can get organised, make a start and monitor their progress in the coming months. We will continue to support all students as they prepare themselves for the approaching exams. Both visiting speakers said how impressed they were by the attitude and cooperativeness of our students.

Year 11

In English **Kyle Pemberton, Zoe Brooks, Spencer Hine, John Tait and Jordan Catlow** are doing really well. They are all working hard and making use the advice they are given.

Year 10

Students in the Cambridge National Sport Science group **(Keelan Bailey, Courtney Birtles, Ross Blackmore, Damon Buckley, Tyler Byatt, Heather Gamble, Tia Harrison, Amy Hartwell, Samuel Hurdman, Amelia Knowles, Cristian Lapustea, Alex Marriott, Megan Normoyle, Daisy Priestley, Luke Smith and Luchia Taylor)** were very studious leading up to the external exam that they sat last Friday. They are also working hard on the coursework element of their next assessed module and completed an excellent circuit training session last week.

Mrs Davie-Smith congratulates **10C Drama** on their excellent devised performances. They approached their assessment with a mature attitude and all performances were very successful.

Year 9

Mrs Davie-Smith commends **9LD** for their excellent work on relationship poetry in English and for their insightful and thoughtful contributions to PSHE lessons.

In English **Jenson Warrier** wrote a perfectly formed sonnet about football (Birmingham City and Aston Villa).

In **9RR Emily Jeffreys, James Rushton and Kimberley Jones** did very well in their most recent Biology test. This is the result of their sustained effort, focused learning and revision at home.

Ben Andrews showed impressive resilience and care when completing a recent Science test. **Amy-Jo Davies** also worked very hard when revising for her test.

Students in **9LH** worked hard in responding to feedback from their most recent Science test and many of them were able to show that they understood quite difficult Chemistry topics.

Cross Country

The County cross-country event took place on Saturday 19th January at the University of Worcester Lakeside Campus. **Jasmine Kilmartin (Yr 9)** was our only entry. The course was very flat, although the usual cold and muddy cross-country conditions prevailed. Congratulations to Jasmine, who ran a tactical race, showing great endurance over the 2.85km distance to be placed 29th out of the 78 runners.

In Science **Daniel Court, Finley Chandler and Cassie Taylor** continue to ask interesting questions that show they are engaging with lessons.

In Geography **Owen Perkins and Tia Summers** have both produced very detailed and well researched case studies for their assessment on earthquakes.

Year 8

Last week two Netball teams played Nunnery Wood at home. One team **(Holly Hulston, Millie Sheperd, Chloe Hart, Grace Osborne, Hattie Grainger, Rihanna Dunn, Uzile Mbatha and Emma Sabel**) won their game after a close match with a few last minute goals scored by Grace and Rhianna. The other team (**Mollie Ralphs, Sophie Howard, Mia Gardener-Smith, Alex Harrison, Olivia Nicolas, Paige Rowe, Lymara Lines and Amy Pullen)** drew 2 all in a closely fought game with some excellent attacking and defending skills.

Emily Pearce and Georgia Layton accompanied Mrs Whitehouse to take part in activities at New College Worcester. The two girls were great ambassadors for the school and they all enjoyed the day. The activities were part of an ongoing project with LEGO that enables sited and visually impaired students to work together. They also met Christian Borgaard, a Danish Paralympic swimmer. He talked about his experience at four Olympic Games and showed them his Gold and Silver medals.

In 8LH PSHE, **Jaden Murray** often gives thoughtful contributions to class discussion and is always polite. **Miki Conroy and Rico Holloway** have also been consistently polite and contributed well in class lately.

In Music this week **Will Colley** learned both parts of James Bond themes and played them using both hands.

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Class Band

This week has seen our Class band sessions start with year 8 & 9 learning string, woodwind and brass instruments. The project runs until the end of the year in partnership with the Severn Arts Music Hub providing specialist woodwind and brass teachers to work alongside string specialists in school. The students worked hard in their first session and had fun trying out their new instruments. Congratulations to all who took part. We are looking forward to hearing the results of their hard work later in the year.

Droitwich Spa High School Presents

Ks4 Music Showcase

The Theatre
6.30pm
Wednesday, 6th February
Tickets £2

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Maths News

The results are in for the *Senior Maths UKMT* challenge. Congratulations to all of our Year 12 and 13 students who took part in this challenge. Well done to our award winning students:

Silver: Adam Prescott and Ben Vertigen

Bronze: **Nicholas Green, Aidan Green, George Battin, Louis Cross, Jack Hickton-Cragg, Kieva Mackay, James Pemberton and Ben Boyce**

A little every day ……

Support your child's revision with a daily maths question. Here are January's calendars. The crossover questions are GCSE level featuring topics that occur on both higher and foundation papers. The number skills questions useful for all students. Hand in your answers to your Maths teacher for e-praise points. Good luck!

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A LITTLE BIT OF MATHS EVERY DAY … (NUMBER SKILLS)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
JAN 2019	**1** Calculate $120\,000 \div 100$	**2** What is the sum of 3rd prime number and the 3rd cube number?	**3** Write 17% as a fraction	**4** What is $4{,}713 - 824$?	**5** At the start of December, Santa had 54 670 984 toys. During December, 67 896 more toy cars were made and Santa delivered 54 727 099 toys to children. How many toys does he have left?	**6**
7 Calculate $\dfrac{63}{100} - \dfrac{57}{100}$	**8** What is? $\dfrac{4}{7} \div 4$	**9** What is 35% of 250?	**10** Whats the missing number? $\underline{\qquad} - 500 = 2{,}073$	**11** Work out 0.2×0.3	**12** Mel says that a cuboid has the same number of vertices as faces. Is Mel correct?	**13**
14 Put these numbers in size order (smallest first) 1.06 1.6 0.6 0.6078	**15** Calculate $581 \div 7$	**16** Round 82 760 to the nearest 10	**17** Simplify $\dfrac{18}{45}$	**18** work out 167×4	**19** Rob buys a pack of 12 stickers for £10.28 Mike buys 12 single stickers for 99p each. How much more does Mike pay than Rob?	**20**
21 What is $12 \div 0.25$?	**22** What is $0.04 \div 100$?	**23** Calculate 30×40	**24** Calculate $25 + (36 \div 6)$	**25** What number is 10 times greater than 804?	**26** Tazmine planted some seeds. For every 5 seeds Tazmine planted, only 4 seeds grew. Altogether, 24 seeds grew. How many seeds did Tazmine plant?	**27**
28 What is 9% of 500?	**29** Round 98 743 to the nearest 1000	**30** What is $\dfrac{3}{7}$ of 35	**31** What is 2876×1000?	**REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**		

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A LITTLE BIT OF MATHS EVERY DAY ... (CROSSOVER)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
JAN 2019	**1** A circle has a radius of 8 cm, what is its circumference?	**2** What is the sum of 4th prime number and the 5th cube number?	**3** The nth term of a sequence is $10 - n^2$. Find the third and tenth terms of this sequence.	**4** 2 4 2 8 1 5 6 Mel says the range is 4. Is Mel correct?	**5** The area of a rectangle is 100cm^2. The length of the rectangle is 4 times its width. Work out the width of the rectangle.	**6**
7 Calculate $3\frac{3}{7} - \frac{3}{5}$	**8** Factorise: $4xy^2 + 2x^2y + 8xy$	**9** Solve $\frac{2x+6}{4} = 5$	**10** Solve $3x + 5 > x + 17$	**11** Work out 125% of £420	**12** A garage has 50 cars for sale. 16 of the cars have air conditioning and ABS brakes. 32 of the cars have air conditioning. 18 of the cars have ABS brakes. Work out how many of the cars do not have air conditioning or ABS brakes.	**13**
14 Write down the ratio 400grams:1.2kilograms in its simplest form	**15** The density of zinc is 7 g/cm³. Calculate the mass of a cube of zinc with side 0.5m.	**16** The price of a washing machine is reduced by 17.5% if the reduced price is £264 what was the original price?	**17** Calculate $1\frac{2}{7} + 0.25$	**18** What is the area of a circle with a diameter of 15 cm?	**19** The product of three numbers is 312. Two of the numbers are 3 and 13. What is the third number?	**20**
21 The length, L cm, of a line is measured as 16 cm correct to the nearest centimetre. What is the error interval?	**22** Write 94 as a product of its prime factors.	**23** Expand $3x(2x - x)$	**24** What information must be given to describe a rotation?	**25** What is the value of y when $x = -3$ in $y = x^2 + x - 4$	**26** Christian saves 10p and 20p coins. He has three times as many 10p coins as 20p coins. He has a total of £17. How many 10p coins does he have?	**27**
28 Madison and Vinnie share some money in the ratio 2:5. What fraction of the total does Vinnie have?	**29** Write 164×10^3 in standard form	**30** Make t the subject of: $s = 1 - 2t$	**31** List the prime numbers between 30 and 50	**REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**		

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