High Flyer — Newsletter

Edition 19 August 2025





Make this Holiday count

I hope you have been enjoying a well-deserved rest over this summer break. A few weeks remain until the holiday is over, so this is the perfect time to reset and be ready for the next academic session.

It's essential to make some mental adjustments and modify your routine, as you prepare for the new school year. Gradually adjust your daily schedule to match school days and times. Start to read something each day to get yourself into academic mode – whether it's revisiting your past work, exploring a new topic or enjoying a book.

It is also crucial to pick an area of interest to work on so you can make some improvements in your personal life. This doesn't have to be academic, for example, improving your time management, becoming more organised, developing your concentration, learning to sing, playing a musical instrument and so on. Any form of self-improvement is a valuable investment in your overall growth and can make this holiday count towards your progress and development.

Remember, you can still add more value to yourself during this holiday; it's not too late. Make these last few weeks count.

Next up •

GCSE results:

Thursday 21 August

A Message for Results Day and Beyond.....



It's normal to feel a mix of excitement, nerves, and anticipation. Whether you're waiting for your GCSE results or have recently picked up your A-Level results, remember this: your journey doesn't end here—it's only just beginning.

Transitions can be daunting, but they're also full of possibility. You're stepping into a new phase, one that offers the chance to explore your interests, grow your confidence, and discover your potential. Whether you're heading to college, sixth form, university, an apprenticeship, or something completely different—there's no one "right" path, only the one that's right for you.

Don't let numbers define you. Results are a snapshot, not your whole story. What matters most is how you move forward - with resilience, curiosity, and a willingness to learn and become better than you were before; every challenge is an opportunity to grow.

So, as you open that envelope or log in to see your results, take a moment to celebrate how far you've come. Be proud of your hard work, and look ahead with hope. Because the next chapter is yours to shape.



KNOWLEDGE ZONE





ANSWERS FROM OUR LAST EDITION

Scientific Crossword

?

ACROSS 2. Proton 4. Atomic number 8. Electron 9. Double helix 10. Hydrogen 11. Reaction 13. Volume 14. Gravity

DOWN 1. Conduction 3. Seven 5. Mitochondria 6. Photosynthesis 7. Cell 12. Evaporation 14. Genes

The Matching Game

Match each concept on the left with the correct statement on the right.

- 1. Kinetic Energy
- 2. Gravitational Potential Energy
- 3. Conduction
- 4. Efficiency
- 5. Specific Heat Capacity
- 6. Sankey Diagram
- 7. Convection
- 8. Power
- 9. Radiation
- 10. Energy transferred electrically

- A. Formula: mass × gravitational field strength × height
- B. Current × potential difference
- C. Energy needed to raise 1kg of a substance by 1°C
- D. Energy passed through vibrating particles in solids
- E. Formula: $0.5 \times \text{mass} \times \text{velocity}^2$
- F. Movement of warm particles in fluids creating currents
- G. Shows useful and wasted energy transfers using arrows
- H. Energy transferred / time
- I. The transfer of energy without particles, through infrared waves
- J. How well a device uses energy input; more = less waste

Did you Know...

The average person walks **100,000 miles** in a lifetime - enough to circle Earth four times.

What am I?

I travel through space, no particles needed.

Dull and dark? I'm easily defeated.

Hot things send me, cold things receive.

What method of transfer do you believe?

Challenge • Motivate • Achieve

Our Vision

To create a virtual learning environment that fosters growth, confidence, and success as we challenge, motivate and help our students to achieve their set objectives.

Our Mission

To provide a comprehensive range of products and services designed to support both students and tutors in their educational journey.

Our Core Values

- * Excellence
- ★ Integrity
- * Responsibility
- Critical & Creative thinking
- ★ Collaboration



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