



# Kingsway Junior School

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Deputy Headteacher – Mrs A Akers

**“Developing confident, enthusiastic and happy learners”**

Dear Parent/Carer,

## Exciting Science Workshop: Explorer Dome

We are excited to inform you about an upcoming whole-school event: the **Explorer Dome science workshops!** Explorer Dome is well-known for delivering high-quality, engaging science shows, presented by experienced, highly trained, and passionate presenters who make learning both rigorous and, most importantly, fun. These workshops will be happening on Tuesday 19<sup>th</sup> & Wednesday 20<sup>th</sup> May 2026.

These workshops will enrich our curriculum and link directly to the Science topics being studied in different year groups:

### What Will Each Year Group Experience?

- **Year 3 – Light and Colour**
  - Children will investigate what light is, where it comes from, how it travels, and how we see.
  - Activities include exploring opaque, transparent and translucent materials, mirrors, prisms, and filters.
  - The dazzling display inside the darkened Dome will demonstrate reflection, refraction, and colour mixing.
- **Year 4 – States of Matter**
  - Pupils will explore evaporation, condensation, melting, and freezing through exciting models and demonstrations.
  - The session will answer: What’s the difference between solids, liquids, and gases, and what happens when we change state?
  - The show will introduce the particle theory of matter for KS2 with hands-on experiments.
- **Years 5 & 6 – Space and Light**
  - Pupils will link their learning to our Science unit on Space.
  - They’ll explore light: what it is, where it comes from, how it travels, and how we see.
  - Experiments and demonstrations are especially striking in the pitch-dark dome environment.

### Voluntary Contribution

To help cover the cost of this special event, we are requesting a **voluntary contribution of £6.00 per pupil.**

- Please make your payment via **School Gateway** before **19<sup>th</sup> May 2026.**
- A discount for children in receipt of Pupil Premium has already been applied on School Gateway.

If you need assistance with payment or have any questions about the event, please contact the school office.

Kind regards

Miss Carter & Mrs Datta,  
Phase Leaders