



19 June 2026

Dear Families

## Curriculum Enhancement Week – STEM Drone Building

My name is Reshan Naidoo, and I am overseeing the STEM from Wednesday 15 July to Friday 17 July 2026.

I am writing today to share important information regarding expectations, our itinerary, and general advice for these three days to ensure the experience is as safe, successful, and enjoyable as possible. Each morning, we will meet in T03 for registration at 8.25am. We will be taking registers as normal during both the morning and afternoon sessions. Excellent attendance and punctuality are incredibly important so that we can kick off our activities on time.

### Itinerary:

#### Wednesday 15 July

- 8.00am: Depart school via minibus.
- 9.30am (approx): Arrival at the Observatory Science Centre and Museum.
- 9.30am - 2.00pm: Educational activities, exhibits, lunch, and structured free-roaming within the secure boundary of the museum.
- 2.00pm: Board minibus at the museum parking lot for departure.
- 3.30pm (approx): Return to school.
- Most importantly, students will be spending time outside for this trip and assuming that the summer weather cooperates, please ensure your child comes prepared with:
  - **Sunscreen:** Ready to apply throughout the day.
  - **Appropriate clothing:** Comfortable, weather-appropriate clothing suitable for outdoor activities.
  - **Lunch:** Students may bring their own packed lunch or bring money to purchase food at the Observatory Science Centre and Museum café (time permitting). **No peanut or nut related products are allowed to be taken on any school visit.** If your child is provided with a school packed lunch, we will bring it with us on the day.
  - **Gift shop:** There may be an opportunity for students to visit the gift shop at the Observatory Science Centre and Museum. Students are welcome to bring a small amount of money if they wish to purchase a souvenir.

#### Thursday 16 July

T03 - Students will build drones from the ground up. This hands-on STEM experience takes students through the entire engineering lifecycle. Students will learn the physics of lift, thrust, torque, and drag to design efficient drone frames.

#### Friday 17 July

T03 - Students will complete build and testing and thereafter they will participate in a high-stakes, arena-style competition designed to test both engineering resilience and piloting precision.

I am really looking forward to spending these three days with the students. If you have any questions, concerns, or specific updates regarding your child ahead of the week, please do not hesitate to get in touch - [rnaidoo@sackvilleschool.org.uk](mailto:rnaidoo@sackvilleschool.org.uk).

Yours sincerely

Mr Reshan Naidoo  
**Trip Lead**