

PS362/23-24/LCX/KLA

Monday 13 May 2024

Dear parents/carers,

The Science team is leading the annual STEAM festival on Thursday 27th June 2024. Therefore students will be undertaking in class and homework the challenge of creating their own STEAM festival project. They will need to include in their project:

- **Task one** – decide what project to undertake.
http://www.sciencebuddies.org/science-fair-projects/recommender_register.php
- **Task two** – Research your project, and find out scientific ideas about the project, and from this write your hypothesis.
- **Task three** – Look at the science project and find out your variables. Start doing the experiment at home, or book at school. Record it by taking down results in a results table and take lots of pictures to add to your work.
- **Task four** – Start writing up your experiment. Include hypothesis, equipment, method, and add in photos of your experiment.
- **Task five** – Conclusion and evaluation of your science project. Was your hypothesis correct? What would you change if anything in your project/experiment?
- **Task six** – Showcase. Put all your work together to hand in to your science teacher to see if you progress into the next round. You can do this at home or book in with the science team.

There will be PowerPoints added to Class Charts and google classrooms to help your child complete the project. They will begin this project in Week 32, Thursday 23rd May. The deadline for all students for this project will be in week 33 ending Thursday 6th June 2024. They do of course have half term to work on their project.

We will be selling a showcase set that contains: tri board, backing paper, coloured paper and trimming for £9.50 which can be purchased on Parent Pay. This is optional and students are allowed to use their own resources such as cardboard boxes, wrapping paper, notice boards, newspaper etc. There is a limited number of showcase sets available so these will be on a first come first served basis. Once Payment has been made the showcase set can be collected after school only from your child's science teacher classroom.

We would like to invite you along to the Year 7 STEAM Fair on Thursday 27th June 2024. The Festival will take place in the Science Department between 5pm and 7pm.

This event will showcase and celebrate the fantastic work that the Year 7 students have undertaken this year.

The STEAM Festival provides a valuable experience in a number of key skill areas for our students. It will benefit their learning not only for their subject knowledge but also in literacy and numeracy, while encouraging a sense of curiosity and confidence in working independently with project based learning. Students will work independently on a choice of

projects which their class teachers will introduce to them over the next few weeks. Year 7 had an assembly on Thursday 9th May 2024 explaining all about the STEAM festival.

We hope that you will visit our STEAM Festival to support the students and to enjoy the work that they have completed.

The projects will be judged by Mr Liley and the Headship team, School Governors and our Head of Department. We will have prizes for the first, second and third places. This includes a ticket to Goodwood Festival of Speed on Thursday 11th July 2024. This is part of a school trip for the winners.

Prizes will be awarded on the night and there will be a BBQ – weather permitting! The Science Department will be raising funds by selling Hot Dogs for £1 each, as well as a plant sale, with plants donated to the science department, all proceeds will supply additional resources to enrich the Key Stage 3 curriculum. Howie's coffee will also be selling their amazing coffee.

We hope you can join us!

Yours sincerely,

Miss L. Cox
Health Co-ordinator
EVC Co-ordinator
RRSA Lead