

5<sup>th</sup> March 2021

Dear Parents & Students

### Co-Curricular, Music & Sport Challenges w/c 8th March

I hope that you are all excited and looking forward to the return to school; it will be great to see you all again.

The response to the Co-Curricular, Music & Sport challenges has been phenomenal. The submissions from students across the varying challenges have shown incredible effort and creativity by the boys. I am also continually grateful to parents for their support.

We are all very much looking forward to seeing how you get on with this week's challenges. Details are outlined below so make sure you read through in full and most importantly have fun!

#### Co-Curricular Department – Tallest Tower Challenge

In this engineering challenge, you will use limited materials to build a paper tower as tall as possible, but there's a twist! Your tower must also support a tennis ball at the top without collapsing.

- Use only one newspaper and 1 metre of sellotape to construct your tower
- The bottom of your tower must be free standing i.e. not taped to the ground (you should be able to move it around freely)
- Your tennis ball must not be taped to your tower (you should be able to take it on and off freely)

Example can be found here - <https://www.youtube.com/watch?v=Vkzt6IBVsYA>

**Challenge** – Submit a picture of your tower via email along with your final height to [dec@rgshw.com](mailto:dec@rgshw.com) **by end of Sunday 14<sup>th</sup> March**. Winners will be announced and House Points awarded based on creativity and total height reached.

**Bonus Expert Level** – Using only A4 sheets of paper and **NO** tape, how high can you build a free-standing tower (no tennis ball required)?

**Bonus Pro Level** – Using unlimited newspaper, A4 paper, drinking straws & tape how high can you go? Your tower must also support a football at the top without collapsing but you may tape the base in place.

Please upload your entry to a cloud-based platform (e.g. your school OneDrive and change sharing settings, YouTube etc) and send to [dec@rgshw.com](mailto:dec@rgshw.com) **by end of Sunday 14<sup>th</sup> March**.

## Sport Department – Hockey Skills Challenge

You will need a hockey stick and ball (although a tennis ball can also be used). How long can you keep the ball in the air? Your time starts from your first touch of the ball and finishes when the ball hits the floor.

Bonus points:

- +5 seconds for every 'round the world', where the stick moves 360 degrees around the ball in mid-air
- + 20 seconds if you complete your whole attempt on one leg

Don't have access to a hockey stick? No problem! You can also have a go with a cricket bat and ball.

As usual, your parent/guardian is the official and must witness the attempt and send to [sportsadmin@rgshw.com](mailto:sportsadmin@rgshw.com). Remember to include your (student) name, year, house and time.

## Music Department – Longest Note Music Challenge

- Entries must be in **by end of Sunday 14 March**.
- Please upload your entry to a cloud-based platform (e.g. your school OneDrive and change sharing settings, or YouTube) and share the link in an email to [RGSmusic@rgshw.com](mailto:RGSmusic@rgshw.com)
- You can take on this challenge in one, two or three ways...
  - Longest note played on a wind instrument in one breath
  - Longest note sung in one breath
  - Longest note bowed on a string instrument in one bow
- Entries **MUST** be in video format so we can be sure it's you playing/singing and not someone else!
- We will time your entry. When the quality/pitch/tone of the note drops, we will stop the timer for your entry, so keep the note smooth and consistent throughout.

Keep it up, your work and effort has been amazing to see. Mr Clatworthy, Mr Mullaly and I are here to support. Please do let us know if you have questions.

Yours sincerely

**D Pettifer**

**Director of Sport**