



CURRENT RESULTS

School	Smith	Vinter	Wickett
22	23	9	8

LOCKDOWN HOUSE COMPETITION

WEEK 3 CHALLENGES

1. Stop Motion Animation Challenge

Stop motion is an animated filmmaking technique in which objects are physically manipulated in small steps between individually photographed frames so that they will appear to show motion or change when the series of frames is played back. Any kind of object can be animated, but figures with movable joints (puppets, action figures, Barbies, Lego figures etc are good) or plasticine figures (think Wallace and Gromit or Pingu) are most used, but you can also use drawings to make your 2D image come alive.

Be inspired and get creative: <https://wallaceandgromit.com>
 Using fruit and vegetables: <https://youtu.be/MEglOulvgSY>
 Using Lego: <https://youtu.be/1RMKR8h03iw>



Learn how:
<https://tinkerlab.com/easy-stop-motion-animation-kids/>
<https://youtu.be/J3pzivXGMfI>

You do not have to download an app, but if you do, please ask your parents' permission first and search for a free app.



If you are downloading an app, I used this simple free app, but there are many others. Please ensure your video is no longer than 10 seconds.

If you would like an added challenge...can you add commentary? Can you centre it around a message, for example wear a mask, pick up your litter, drink more water?

Use your imagination and be creative!

Please submit your 10 second video entry (mail drop) or if you have difficulties emailing a video, please send a photo of your animation to competitionhouse@truroschoo.com by Wednesday 27 January, 9am. Please include your **name, form, and competition house** with your entry.

2. Acts of Kindness Challenge (this is a two-week challenge)



Your challenge is to make at least one act of kindness to help somebody else. It could be in your immediate or extended family or in your community. We have given you two weeks to complete this challenge to allow you two weekends to complete more kind acts.

Your act of kindness could simply be making your parents a cup of tea or calling an elderly relative but also something bigger like volunteering in your community or completing your own charity event. Try to be as creative as you can.

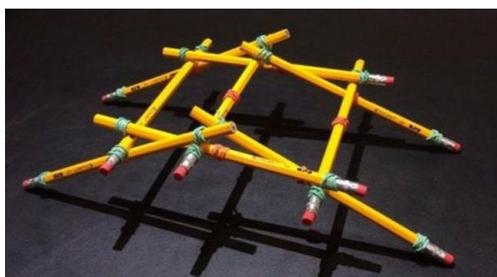
Helping others can make an enormous difference to them, but it can make an even bigger difference to ourselves. It helps us to think outside ourselves and encourages us to think of others and it is well proven that helping other people can help your own mental health and well-being at the same time. Of course, you also need to make sure that you also look after yourself as well and do not hesitate to reach out if you need support.



Please send all submissions and photos to competitionhouse@truroschoo.com by Wednesday 1 February, 9am. Please include your **name, form, and competition house** with your entry.

3. STEM challenge

Here is our amazing STEM Challenge!!! There are many exciting Science/Tech and Engineering projects that you can complete at home. Here are the three super challenges this week; you can complete as many as you like. Photographic/Video evidence of your success would be fantastic.



A. Create a Da Vinci Bridge

Use your pencils/pens/rubber bands to create a bridge that can hold some of your Truro School work that you have completed over the lockdown period. A photo would be excellent as well as telling us the mass that the bridge supported.



B. Create a Volcano

Simply make a mixture of Vinegar/Water/Washing up liquid and perhaps a red food colouring (Please be careful when using dye and ensure you have protection on your carpet/surfaces). Add this to a good amount of baking powder in a Volcano shaped container and the Carbon Dioxide created can make a superb Volcano effect. A video or photo would be amazing.



C. Paper Planes

Create your best paper plane - ideally in house colours or with your house logo and measure the distance it can fly. Planes must be launched from the ground only, not from a height. Distances in m and cm please.

Please email your photo to by Wednesday 27 January, 9am: competitionhouse@truroschool.com to enter. Please include your **name, form, and competition house** with your entry.

Special Half Termly Challenge

(this special challenge will run throughout lockdown until half term)

Please ensure you complete this challenge following all government guidance.

How high can each house climb together?

As a combined total will your house climb the equivalent of Brown Willy, Snowden, K2, Everest...?

Your challenge climb:

1. Using a single step repeatedly or a flight of stairs, count how many steps you climb. Set yourself a time limit which is suitable to your ability. 1 minute, 10 minutes, 20 minutes.... it is your choice.
2. Track your climb by using a fitness tracker or equivalent and upload your evidence. If you don't have a device, ask a parent to count with you and they can be your evidence.

3. Submit your entry using this [LINK](#)

Virtual mountains	No of steps	No of flights
Slieve Donard, Northern Ireland	5,390	360
Scafell Pike, England	6,180	412
Mount Snowdon, Wales	7,120	475
Ben Nevis, Scotland	8,810	587
Mount Blanc, France	30,420	2,028
Mount Kilimanjaro, Tanzania	38,680	2,578
Mount Everest, Nepal	58,070	3,871

Virtual buildings	No of steps	No of flights
Millennium Dome, England	320	21
Sydney Opera House, Australia	425	28
Clifton Suspension Bridge, England	490	33
Big Ben, England	632	42
Forth Rail Bridge, Scotland	680	45
BT Tower, Birmingham, England	997	66
Blackpool Tower, England	1,036	69
Seattle Space Needle, USA	1,164	78
Canary Wharf Tower, England	1,600	107
Petronas Twin Towers, Malaysia	2,860	190
CN Tower, Toronto, Canada	3,500	233



How high will your house climb?

Please submit your entry via the link above, however if you have a photo of yourself completing the challenge please upload it via the Form or send it to competitionhouse@truroschoo.com. Please include your name, form and competition house with your entry.