**DT Challenges – for family fun**

1. Build the tallest tower that you can with a single piece of A4 paper – take a picture and send into school
2. Bridge Building – some of you may have already done this but practice makes perfect. Build a bridge that spans 1 metre with only newspaper and 1 x metre of tape. HINT: triangles are strongest for carrying weight. What is the heaviest weight it will carry before it collapses – remember to take a picture first though.
3. The egg drop challenge – plenty of info on the internet and videos on Youtube to give you ideas 😊
4. Make a selection of paper aeroplanes and have a family competition to see whose flies the furthest. Lots of templates on this site.

<http://templates.amazingpaperairplanes.com/>

1. James Dyson foundation challenges – spaghetti bridges, Marble run, Periscope, cardboard Boat, Carboard chair and Balloon car all fun things with basic resources for you and your family to try.

<https://teachkidsengineering.com/stem-challenges-dyson-foundation>