

# Family Literacy – Scottish Attainment Challenge

## Home Learning Activities

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| Activity Title:  | Engineering challenge build your own structure |
| Age range: | P7+ |
| Area of the Curriculum: | Stem |
| Resources required: | Newspaper, straws and tape. You can add one or two other items if you wish but the less the more challenging it is. |
| Time / length of the activity: | 30 minutes or longer depending on how big the structure is. |
| Number of people required: | Any number |
| Instructions:C:\Users\RankinF\Pictures\newspaper_bw.jpgC:\Users\RankinF\Pictures\untitled 5.png | * Build a structure that can support itself this can be a bridge, sculpture or tower, decide before building it.
* Using just the materials provided the aim is to build as big or sturdy a structure as possible.
* The winner is the one who has the tallest if it’s a tower that stands on its own using
* Or if it’s a bridge it is free standing and can fit a tin under it and hold a little weight decided how heavy before starting.
* Make it a competition and go into teams.
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| Further learning | Make a structure from different materials such as craft sticks, pegs and binder clips, see if it is possible to create different shapes.  |

**For hygiene reasons please ensure you wash your hands and any objects you have been touching after you have finished the activity.**