

# WHOLE SCHOOL AUTUMN HALF TERM PROJECT!



Complete any or all of these fun challenges with your families this half term! Please send your photos to [science@oxtonstsaviours.wirral.sch.uk](mailto:science@oxtonstsaviours.wirral.sch.uk)

## S

Question, experiment, test and observe

### Salt Crystal Autumn Leaves!

ADULT ASSISTANCE NEEDED. Cut out leaf shapes from paper. Boil 1 cup of water and add enough salt to over-saturate the mixture. Put leaves on a plate/tray with space between each one then pour the saltwater solution over the leaves. Let your salt crystal leaves sit until the water evaporates. MAKE SURE TO EXAMINE the leaves along the way and check out the crystal growth! Dry on paper towels if necessary. Does this work with real leaves? Use a magnifier (or camera zoom) to take a close look!



## T

Process and connect information

### Signs of Autumn!

How do we know autumn is here? Photograph or film the signs of autumn that you can see. Can you edit them on a tablet or with software?



## E

Invent, evaluate and improve

### Pumpkin Jenga!

Build a sturdy structure (using Jenga or literally any construction materials) to support a pumpkin! How tall / thin / unusual can you make your structure?



## A

Explore and express

### Autumn Art!

Create a piece of art using 100 leaves... How imaginative can you be? Did an artist inspire your creation?



## M

Use tools and structures

### Shapely Spider Web!

Tie string/wool between two chairs. Make sure it is taut. Weave in some longer pieces tying in certain areas as you go. How many 2D shapes can you make? Can you name them all? Is it possible to ensure each shape has a different number of sides?

