

# Big Thursday Tasks

## Week beginning 18.05.20

### Computer Science

You've been practising your coding skills over the past few weeks. Now it's time to think about some of the concepts of computer science.

#### Abstraction:

What is abstraction? Abstraction is removing unnecessary detail. This means when you are programming and coding you only need to include the most important information.

Choose a task from below to complete this week:

#### I Tell



##### Activity

Play the game, 'I Tell' with your child which is like 'I spy', but you use 3 adjectives to describe the item you're thinking of and see if the other person can guess it.

##### Learning

Abstraction is about simplifying things and focusing on important information. This game helps your child focus on the important adjectives which describe what they're thinking of.

#### Abstract Art



##### Activity

Create a piece of abstract art with your child. Choose an inspiration for your art (person, object, view) but rather than recreating this exactly, use simplified shapes to represent what you can see. E.g. triangles for trees, or an oval for a face.

##### Learning

Here your child is creating an abstraction within their artwork. They're not trying to reproduce what they see exactly, but are representing key features with simplified shapes.

#### Timetable



##### Activity

Ask your child to create a timetable for tomorrow set out as a table. What are the key activities they will do? How will the day be structured?

##### Learning

A timetable is an example of an abstraction as it contains key events but doesn't include unnecessary detail - like 'nipping to the toilet between English and Maths'!

#### 5 Word Film Game



##### Activity

Ask your child to think of a film. Ask them to describe it using 5 key words or less. Can you guess the film they were thinking of?

For example: Princess, Prince, Snowman?

##### Learning

This game encourages your child to abstract as they think of the key features of the film to help someone guess.

#### My Magnificent Movie



##### Activity

Ask your child to create a storyboard for a movie they'd like to make which provides a summary of the main events in the plot.

##### Learning

The storyboard your child creates is an abstraction as it summarises their ideas for a movie, providing the key features and not all the detail.

Want to keep working on your abstraction skills? Follow the link below and help Ranger Jack use the powers of abstraction to save his struggling zoo! Have fun completing the different missions and I hope you can save the zoo.

<https://barefootgames.org/barefoot-zoo?ref=https://www.barefootcomputing.org/>



### Music – Create your own sound scape

Go for a sound walk around your home or favourite local area – could be woodland, riverside, housing estate. Listen carefully to the sounds you hear – water, traffic, leaves, wind, people. Take note of them – record them if you have your phone.

Back home – draw a map/picture of the area you walked around, and mark on it the sounds you heard to create a soundscape. Think about the sounds, where they long? short? high? low? loud? quiet? rustling? jangling?

Find a way to represent your chosen sound using either voices, instruments if you have any, or objects and resources from round the house. For example, scrunched paper can make a good rustling leaves sound, cellophane can sound like a crackling fire, aluminium can make a thunder sound if shaken.

Play your sounds together as a musical motif.

## Art around the world

Hello Holywood Artists! For the next two weeks we are going to be taking inspiration from an artist who lives much closer to home.

Libby Walker is an artist from Glasgow, Scotland. You can learn more about her here:

<https://libbywalker.co.uk/pages/about>

During lockdown she has asked people to send her pictures of them going about their daily lives in their own homes. She has taken a collection of these images and created an illustration of life in lockdown.



**If you have siblings at home you could work together on this task if you like.**



### *Let's create our very own "Life in Lockdown" work of Art!*

#### Task

1. Draw a house outline like the one in the image and divide it into at least four sections. It will need to be at least A4 size but it can be bigger if you like.
2. Add details such as brick work, chimneys, satellite dish etc. Look at the shape and details of your own house for ideas.
3. Decide which images you would like to include. You can either use photos you or your parents have taken *or* you could take inspiration from our school blog! Use a collection of your favourite snaps from the blog – make sure that at least one image is of your own lockdown experience.
4. Start drawing! Pay close attention to all the little details in the photos and include them in your own illustration.

*I have added a larger image of Libby walker's illustration to the learning pages if you would like to look at her drawings in more detail.*

***You have two weeks for this task so take your time with your drawings. Remember to keep us up to date with your progress on the blog!***

## Outdoor learning/STEM- Tin foil river

This week have a go at making your own river out of tin foil.

You will need- a roll of tin foil, water, sticks and stones, small objects such as bottle tops, Lego figures, corks, buttons, paper clips etc.

Instructions-

1. Unroll some of your tin foil. You can use as much as you want- the more you use the longer your river will be.
2. Fold your foil over so that it is double thickness.
3. Lay your foil flat on the ground. You are best to do this activity outside if you can. It also works better if you can do it on a bit of a hill- this way the water will run down the hill.
4. Fold and pinch the sides of your foil up so that it has sides/walls.
5. Use a hose or water can to pour water into your river and watch as it fills up.
6. Once you have made your basic river begin to add different objects into it. Things like stones, sticks and leaves. Do these things change the flow of the river?
7. Experiment with making dams in your river. What materials work best as a dam? How can you make your dam stronger? Add some more water to help you test out your dams.
8. Now use some of the small objects which you have and try putting them into your river. Which objects will float in the river and which will sink?

Here is a picture of what your river may look like.

