**RTÉ Home School Hub will continue every weekday at 11am on RTÉ 2.**

**Timetable**

Monday – (Film Studies) Introduction to Film

Tuesday – (Maths) Area and Perimeter

Wednesday – (Geography) Planet Earth

Thursday – (Film Studies) Storyboarding

Friday – (Science) The Skeleton

**Charlie and the Chocolate Factory (Chapters 16 – 20)**

I hope you are enjoying Charlie and the Chocolate Factory so far. Before you begin reading a new chapter I want you to see if you can recall the important events that happened in the book so far. What event in the story do you think is the most important event so far? Why?

Try to read one chapter each day and complete the activity for that chapter. As always, the worksheets are only a guide for the work that you can complete in your copies.

1. (Chapter 16) Using the information that you have gathered so far, can you make a prediction about the next chapter? Please explain the reasons behind your prediction.
2. (Chapter 17) Complete Charlie Worksheet 3. This is attached in a separate file.
3. (Chapter 18) Using the information that you have gathered from this chapter, draw a picture of what you think the inside of Willy Wonka’s chocolate factory looks like.
4. (Chapter 19) Complete Charlie Worksheet 4.
5. (Chapter 20) Complete Charlie Worksheet 5.

**Explanation Writing**

Structure of Explanation Writing

* Title (what is the title?)
* Opening statement (what topic is being introduced?)
* Series of logical steps (do the steps continue until the explanation is complete?)
* Present tense (is it written in the present tense?)
* Conjunctions (are there words such as before, after, then, therefore, thus etc. used in the writing?)
* Diagram or illustration (are there drawings to help with the explanation?)

Before we begin writing our own pieces of explanation writing, it is very important that we are familiar with the structure. This week I have included ‘conjunctions’ in the structure. Conjunctions are ‘connecting’ or ‘joining’ words, they connect sentences and phrases.

Last week we looked at ‘Hot Air Balloon’ and ‘Lifecycle of a Moth’. This week we are going to look at two more pieces of explanation writing ‘How do Tadpoles Grow?’ and ‘How is Food Digested?’ (attached in separate files). Try your best to find each of the features listed above.

***Activity 1:* In your copies**, answer the questions above for both pieces of explanation writing.

1. How do Tadpoles Grow?
2. How is Food Digested?

***Activity 2:*** In your opinion, which piece of explanation writing is better? Give reasons for your answers. (Hint: Follow the structure above)

***Activity 3:*** Following the structure above, write your own piece of explanation writing titled ‘How Do You Wash Your Hands?’. You all know how to wash your hands correctly so I’m sure you will all do an excellent job. When you have finished, have a look at the worksheet ‘Explanation Writing Checklist’ to see how you got on.

*Notes from last week – These may be useful for completing your work this week.*We use explanation writing when we want to explain how something works or the process involved in making something e.g. How does a bee make honey? Explanation writing can be very useful in science and geography in particular.

It starts with a general statement to introduce the topic for explanation. A series of logical steps are used to explain how it occurs of the process involved. It is usually written in the present tense and sometimes has labelled diagrams or charts to help the reader to understand.

**Maths**

Counting Activities – You can practise your counting on your own or with some of your family. This week we are going to begin revising counting in fractions. We are going to practise counting in our halves (1/2), thirds (1/3) and quarters (1/4.) I am going to write the counting activities for counting in halves as an example.

* Count forward in halves, starting at zero until you reach the whole number 10.
* Start at 20, count backwards in halves until you reach zero.
* Choose a random three digit number. Count forward in halves until you reach the next multiple of 100 (e.g. 100, 200. 300. 400. 500. 600. 700. 800, 900, 1000)
* Starting at zero count forwards in halves (1/2, 1, 1 and 1/2, 2, 2 and ½, 3…) when you reach a whole number do a lunge. Keep counting until you reach 50
* Repeat these activities counting in thirds and quarters instead of halves.
* Daily 10: <https://www.topmarks.co.uk/maths-games/daily10>

Choose the following;  
Level 5 – Fractions – Unit Fractions of Amounts (1/2, 1/3 or ¼)

Try Daily 10 a few times over the week.

* Number of the Day  
  Monday: 1259  
  Tuesday: 27 ½   
  Wednesday: 14.9  
  Thursday: 8 2/4 (Eight and two over four or Eight and two quarters)  
  Friday: 5/4 (Five over four or five quarters)

**Maths - Symmetry**

If you fold along a line of symmetry, both halves of the shape or object will fit exactly on top of each other. Some shapes can have more than one line of symmetry.

Here is a song that might help you to understand symmetry. <https://www.youtube.com/watch?v=SJlhywRfvh8>

Activities:

1. Busy at Maths page. 91 and 92
2. Find 5 objects in your house that are symmetrical. How many lines of symmetry do each of these objects have?
3. Mangahigh Assignment: I have set a new Mangahigh Assignment this week that focuses on symmetry.

**Gaeilge – Eadaí**

Have a look at the PowerPoint ‘Eadaí Scoile’. Practise saying each of the new words as we usually do in class. For example: “Geansaí, geansaí, geannnnnnnsaí”. Practise this every day if you can. You can test yourself to see how well you know the words at the end of the week by opening the PowerPoint ‘Eadaí Scoile gan focail’.

Complete the activities on Bua na Cainte lch. 130

**Virtual Tour of Dublin Zoo, Projects and Oral Reports**

I hope you enjoyed doing your projects last week just as much as I enjoyed reading them. This week you girls are going to take a virtual tour of Dublin Zoo before beginning your projects. You can find the virtual tour by clicking on the link below. There are many virtual tours available, you can watch as many of them as you like before beginning your projects. If you don’t have access to the virtual tour do not worry as there will be alternative activities for you to complete instead.

<https://www.dublinzoo.ie/virtual-tours-2/>

Alternative 1: Australian Animals Worksheet

Alternative 2: Read Fireworks – Big Cats pg. 5 – 9. You do not have to complete the questions.

Project and Oral Report

This week you are going to complete a project on an animal that interests you. Please choose an animal from the virtual tour or from the alternative reading activities.

Notes from last week that are still useful for your projects this week.

Remember, for your projects you must only write about the important information and please make sure that you anything your put in your project is written in your own words. No copying directly off the internet!

Your project cannot be any bigger than one A4 sheet of paper (or two copy pages).

When you have finished your project you are going to do an Oral Report on your project. This is where you will record yourself talking about your project. Imagine you are speaking to an alien and try to do a really good explanation about your chosen topic.

Bonus Activities – History, Geography and Movement Skills from the GAA

1. Pat Spillane
2. My Local Club
3. Movement Skills

Bonus Activities are attached in a separate file. These activities are not compulsory but you may enjoy completing them.