

## Science – Mary Anning

Here is a selection of games to play as **fossil hunters**.

<https://pbskids.org/dinosaurtrain/games/fossilfinder.html>

<https://www.amnh.org/explore/ology/paleontology/identification-adventure2>

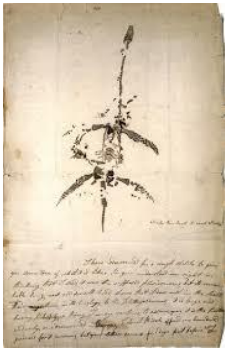
<https://www.nationalgeographic.org/interactive/super-fossil-finder/>

[www.sheppardsoftware.com/scienceforkids/dinosaurs/games/memory/dinosaur\\_fossils.htm](http://www.sheppardsoftware.com/scienceforkids/dinosaurs/games/memory/dinosaur_fossils.htm)

[https://jurassiccoast.org/wp-content/uploads/2020/04/DDD\\_Wordsearch-Paleo-A4-HR.pdf](https://jurassiccoast.org/wp-content/uploads/2020/04/DDD_Wordsearch-Paleo-A4-HR.pdf)

Have a go at some of these games!

### 1. Mary Anning Task



This letter is from Mary Anning, announcing her discovery of a new fossilised creature which was later named plesiosaurus.

Your task:

Imagine you are a palaeontologist, and you have just discovered a fossil of a prehistoric creature. You can either think of your own unknown fossil or choose one of these two pictures:



Draw what your fossil looks like and write a short letter to a family member to announce your discovery.

Include an explanation about:

- How you found the fossil
- When you found the fossil
- What you did to uncover the fossil (sorted through rocks, use equipment)
- What you think the fossil could be (fish, part of a dinosaur, insect)
- Description of any important features of your fossil
- The name of your fossilised creature (you can make this up)
- What you are planning to do with the fossil (keep it, give it to a museum)

## 2. The Hampshire and Dorset Coast (Jurassic Coast) Fossil Hunt

If you are planning a trip to fossil hunt, this website will help you to find what you are looking for and where to go - <https://ukfossils.co.uk/>. You do not need to go very far as we are very lucky to be living near the coast.



Turritella fossil



Shark tooth fossil



Ray teeth fossil



Sponge fossil



Ammonites



Devil's Toenails (gryphaea)



Cardita shell

### **Possible places for fossil collecting:**

Bracklesham Bay, Beachy Head, Barton on Sea, Charmouth, Hillhead Beach (Stubbington), Lee-on-the-Solent Beach, Hayling Island Beach, Portsmouth coastline.

## **Dinosaurs**

### **Task 1 – Dinosaur Sort**

Look at the list of dinosaurs below. Use the internet or non-fiction books to find out in which period of history these dinosaurs lived in (Triassic, Jurassic or Cretaceous). These websites might also help you to find some of the information you need:

<https://www.dkfindout.com/uk/dinosaurs-and-prehistoric-life/dinosaurs/>

<https://www.nhm.ac.uk/discover/dino-directory.html>

You can draw the grid in your home learning books or print off the next page.

<b><u>List of Dinosaurs to sort</u></b>			
Allosaurus	Dilophosaurus	Megalosaurus	Triceratops
Ankylosaurus	Diplodocus		Tyrannosaurus Rex
Apatosaurus		Pachycephalosaurus	
Archaeopteryx	Eoraptor	Parasaurolophus	Utahraptor
	Euoplocephalus		
Baryonyx		Orodromeus	Velociraptor
	Gallimimus		
Carnotaurus	Giraffatitan	Spinosaurus	
Coelophysis		Stegosaurus	
	Herrerasaurus		

## Dinosaurs

### Task 1 – Dinosaur Sort

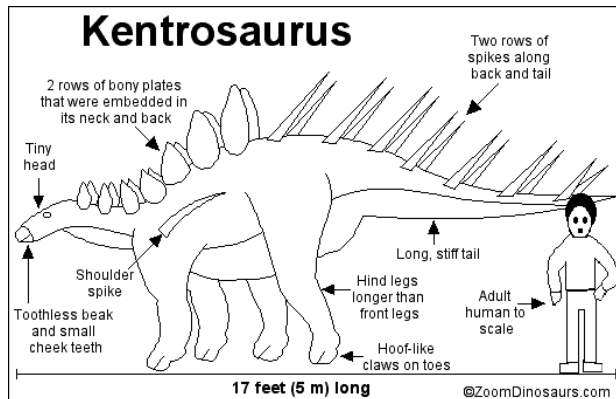
<b>Triassic Period (251 to 199 Million Years Ago)</b>	<b>Jurassic Period (199 to 145 Million Years Ago)</b>	<b>Cretaceous Period (145 to 65 Million Years Ago)</b>

Talk to your family about what you found interesting and what surprised you. Which period did your favourite dinosaur live in?

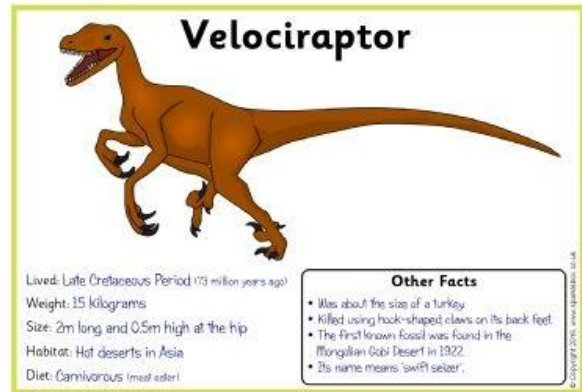
## Task 2 – Design-a-sarus

For this activity, you are going to create a new species of dinosaur and describe the characteristics of your creation. Explain why your dinosaur has these features. For example: Does it have armour plates to protect itself? Does it have sharp claws to help attack its prey? Does it have a long neck to reach the leaves on trees?

You can create a fact file for your dinosaur or draw and label your new dinosaur.



Draw and Label



Fact file

If you are stuck for ideas, here are some links to games / activities that you can do on the internet, and you could draw afterwards.

<https://mrnuessbaum.com/dinosaur-maker-online>

<https://www.brainpop.com/games/constructasaurus/>

[http://www.sheppardsoftware.com/scienceforkids/dinosaurs/games/build\\_a\\_dino/build\\_a\\_dino.htm](http://www.sheppardsoftware.com/scienceforkids/dinosaurs/games/build_a_dino/build_a_dino.htm)

<https://www.scootle.edu.au/ec/viewing/L8186/index.html>

<http://teacher.scholastic.com/activities/dinosaurs/buildadino/>

### Naming your dinosaur:

You could name your dinosaur "Dave" but as we are palaeontologists this week, our new dinosaur needs to have a scientific name. Different parts of the name mean different things.

For example: **tyrannosaurus rex** -> **tyranno = tyrant**      **saurus = lizard**      **rex = king**

Therefore, tyrannosaurus rex means **tyrant lizard king**.

Velociraptor -> **veloci = speedy**    **raptor = robber or thief**

Therefore, **velociraptor** means **speedy thief** or **speedy robber**

This website: <https://www.enchantedlearning.com/subjects/dinosaurs/allabout/Nameroots.shtml>

has a good selection of words you could use to create your new dinosaur name.

Make your own...

# DINOSAUR EGGS

### What you need:

Vinegar

Food colouring or paint

Wax crayons

Cooking oil

Eggs (white eggs show the colours and patterns better)



**TIP!** You could crack open your egg, put a baby dinosaur inside and make a nest for it!

### The method we found best:

1. Mix 250ml cold water with 2 tablespoons of vinegar and 5ml of food colouring.
2. Boil the egg for 6 minutes.
3. If you would like a pattern you can draw on the egg in wax crayon.
4. Place the egg in the dye solution for 6 minutes then remove.
5. When dry, rub cooking oil on the eggs to make them shiny.

Or you can simply paint them with any colour you fancy!

**TIP!** A traditional method is to hard boil your eggs for about 10 minutes with onion skins – the eggs come out brown but the bits of onion skin that press against them in the pan create patterns. You can also use coffee grounds, cochineal, red cabbage or flowers like celandine. You can wind string around the eggs first and they come out with spiral patterns on them or tie ferns or cow parsley leaves around the egg for intricate patterns.

**NOTE:** Egg shells will absorb whatever you have painted onto your egg so we don't recommend eating it!



Photo courtesy of Louise Allen

Make your own...

## DINOSAUR ICE EGGS

### What you need:

Balloon

Small dinosaur

Freezer

Small chocolate egg in foil



### Step 1

The tricky bit is getting the dinosaur into the balloon, so choose the smoothest dinosaur you have. The easiest way is to open the balloon with your thumbs and peel the balloon over the head of the dinosaur. The balloon ends up inside out but that doesn't matter. Once the dinosaur is inside do the same with the chocolate egg.



### Step 2

Half fill the balloon with water (if it is too big it will take ages to freeze) then tie up the end. Initially the toy and egg might sink to the bottom but once the water starts to freeze you can squeeze the balloon and get them into the middle.



### Step 3

It takes a few hours to fully freeze but it is ready once it feels hard and you can't hear water when you shake it. Run it briefly under the tap to loosen the balloon from the ice egg and then snip the balloon off. Running it under the tap will also make it crackle which gives it a good visual effect!

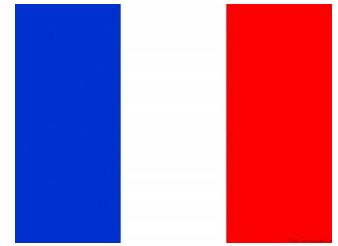
You can leave the egg to melt or have a go at bashing it with a rolling pin!

## French – Quelle est la date?

This week, we are going to look at how to write the date in French. It is similar to how we write the date in English but there are some punctuation differences.

In English, we use capital letters because the months and days are names. We also use st / nd / rd / th after the number (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>).

In French, capital letters are not used and they do not have st / nd / rd / th after the number. For the first of the month, they use er after the number. Eg. 1er avril would be 1<sup>st</sup> April. 'er' is short for premier which means first.



Monday 22<sup>nd</sup> June 2020



lundi 22 juin 2020



### les jours de la semaine

lundi	<i>Monday</i>
mardi	<i>Tuesday</i>
mercredi	<i>Wednesday</i>
jeudi	<i>Thursday</i>
vendredi	<i>Friday</i>
samedi	<i>Saturday</i>
dimanche	<i>Sunday</i>

1	un	12	douze	23	vingt-trois
2	deux	13	treize	24	vingt-quatre
3	trois	14	quatorze	25	vingt-cinq
4	quatre	15	quinze	26	vingt-six
5	cinq	16	seize	27	vingt-sept
6	six	17	dix-sept	28	vingt-huit
7	sept	18	dix-huit	29	vingt-neuf
8	huit	19	dix-neuf	30	trente
9	neuf	20	vingt	31	trente-et-un
10	dix	21	vingt-et-un		
11	onze	22	vingt-deux		

### les mois

janvier	<i>January</i>
février	<i>February</i>
mars	<i>March</i>
avril	<i>April</i>
mai	<i>May</i>
juin	<i>June</i>
juillet	<i>July</i>
août	<i>August</i>
septembre	<i>September</i>
octobre	<i>October</i>
novembre	<i>November</i>
décembre	<i>December</i>



Quelle est la date aujourd'hui ?

Aujourd'hui c'est mardi le seize janvier.



c'est quand, ton anniversaire ? *when is your birthday ?*  
mon anniversaire est en mars *my birthday is in March*

quelle est la date de ton anniversaire ? *what date is your birthday ?*  
mon anniversaire c'est le dix mai *my birthday is 10th May*

janvier						
L	M	M	J	V	S	D
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



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## Your Task

Your task is to answer the questions in the table on the next page. You need to write the date in both English AND in French.

French Task - Quelle est la date?



Question	Date written in English 	Date written in French 
When is your birthday?		
What date is Christmas Day?		
What date is Hallowe'en?		
What date is New Year's Day?		
What date is Valentine's Day?		
What date is your mum's birthday?		
What date is your dad's birthday?		
What date is Bonfire Night?		
<b><u>CHALLENGE</u></b>		
What date is the longest day of the year?		
What date is the shortest day of the year?		





## National Picnic Week



# Planning the Best Picnic Ever

Picnicking is one of the UK's most enjoyable summer traditions and is a great way of sitting in open spaces in your local area over the warmer months of the year.

We would like you to plan the best picnic ever. You need to think about food, drinks and activities.

Number of people coming: \_\_\_\_\_

Name of people coming: \_\_\_\_\_

**Food! Make a list of all the food you want to take.**

**Drinks! Make a list of the type of drinks you want to take.**

**Treats! Make a list of any treats you would like to take. For example: biscuits, cakes and chocolates**

**Games and Activities to play.**

**Equipment to take.**