



THE WAVE
PROJECT

ACTIVITIES BOOK



Oobleck - the magic liquid!

Oobleck isn't a liquid or a solid, it's a non-Newtonian fluid. At times, it may seem like a solid or a liquid but it acts differently than a normal solid or liquid. Making oobleck is a great science experiment to show how changes in pressure can change the properties of some materials. Sort of like how temperature changes the properties of water. Cold or freezing temperatures turns water into ice. Whereas warm temperatures melts ice and turns it into a liquid.

Ingredients:

- 2 cups cornstarch
- 1 cup water
- Food coloring (optional)

Method:

1. Mix 2 cups of cornstarch to 1 cup of water into a bowl. Mix the cornstarch and water until your oobleck is formed.
Tip: If you would like to color your oobleck, add your food coloring to your water and then mix with the cornstarch.
2. If you find the mixture is a little too watery and not forming into a solid when you pull the oobleck out of your bowl then add more cornstarch. If you find the mixture is not dripping like a liquid, add a little more water. Just keep experimenting until you get the consistency of oobleck.

Wordsearch

This wordsearch is all about cake, can you find all the flavours?

F	C	K	E	G	H	B	T	X	O	B	F	P	L	V
U	A	U	C	E	R	W	H	U	A	T	B	J	E	P
I	C	K	P	O	F	H	J	N	F	E	E	W	M	B
E	W	M	W	C	N	F	A	C	A	V	G	L	O	R
J	T	N	R	I	A	N	O	I	R	L	N	H	N	N
V	I	A	F	K	A	K	R	C	A	E	A	W	D	A
E	D	F	L	B	M	O	E	X	I	V	R	C	R	K
G	U	F	R	O	T	T	Y	Q	N	D	O	I	I	S
M	J	E	M	C	C	K	U	K	B	E	R	M	Z	G
M	A	N	I	W	G	O	Y	U	O	R	A	Z	Z	L
D	P	V	H	R	H	O	H	E	W	A	N	L	L	X
T	O	R	R	A	C	R	O	C	K	C	A	K	E	T
V	A	Y	S	Z	V	F	R	U	I	T	C	T	H	P
S	J	P	U	Z	B	E	I	V	M	F	N	T	M	F
E	K	A	C	E	S	E	E	H	C	M	A	N	C	O

Banana Bread
 Cheesecake
 Chocolate
 Carrot
 Lemon Drizzle

Victoria
 Red Velvet
 Coffee
 Cupcake
 Rainbow

Fruit
 Orange
 Muffin
 Rock Cake
 Brownie

A large tortoise, Jonathan, is shown in profile, facing right. Its head is raised, and its mouth is slightly open, revealing its tongue. The tortoise's shell is a mottled brown and grey color. It is standing on a patch of green grass. The background is a blurred green field.

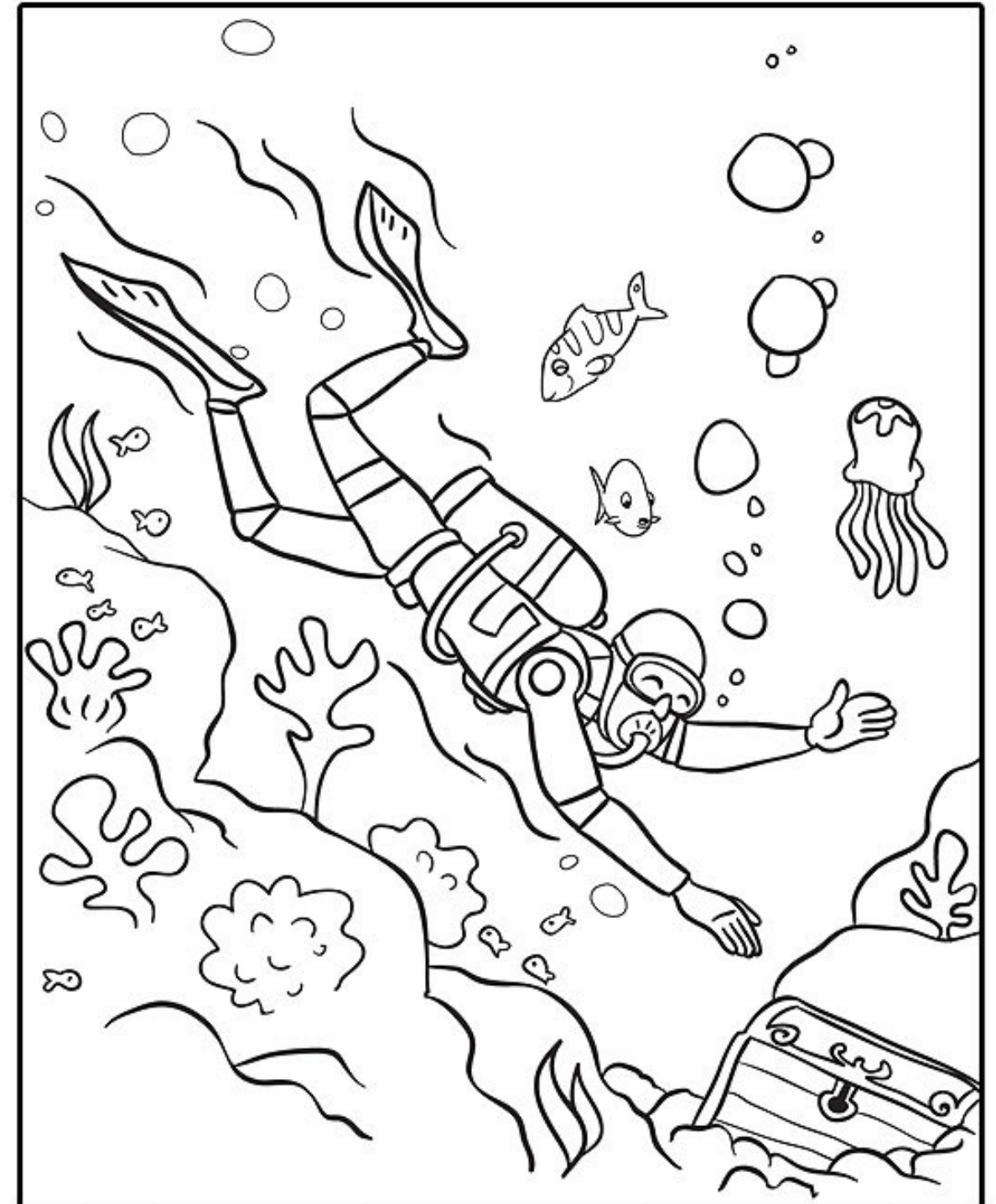
FUN FACT

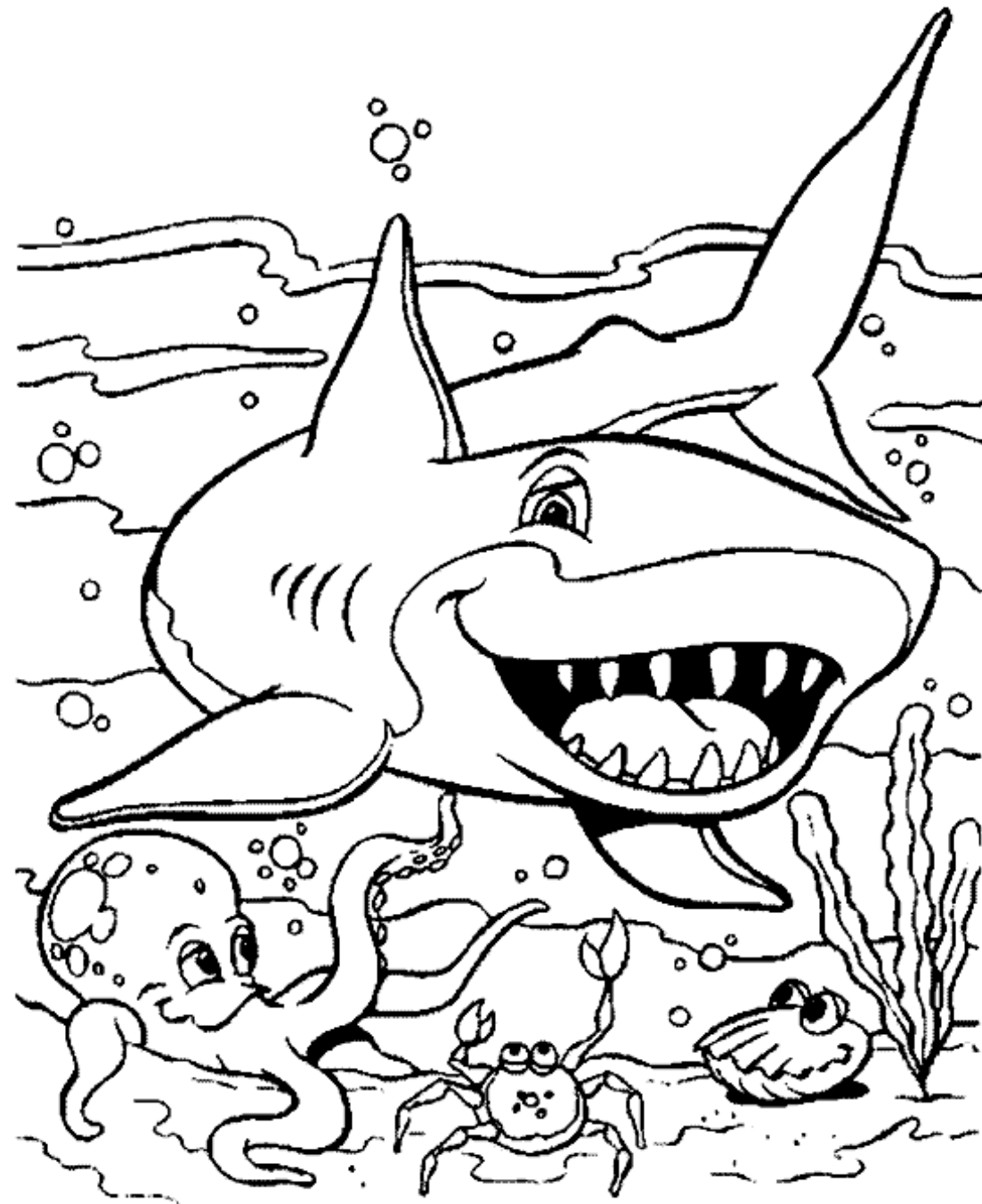
**Meet Jonathan - the
oldest living land animal!**

**Born circa 1832 he is
belived to be 187
years old !**

Colour in!

We have a selection of drawings to colour in, varying in difficulty let's see how colourful you can make them!





Draw your own!

Mini sausage rolls

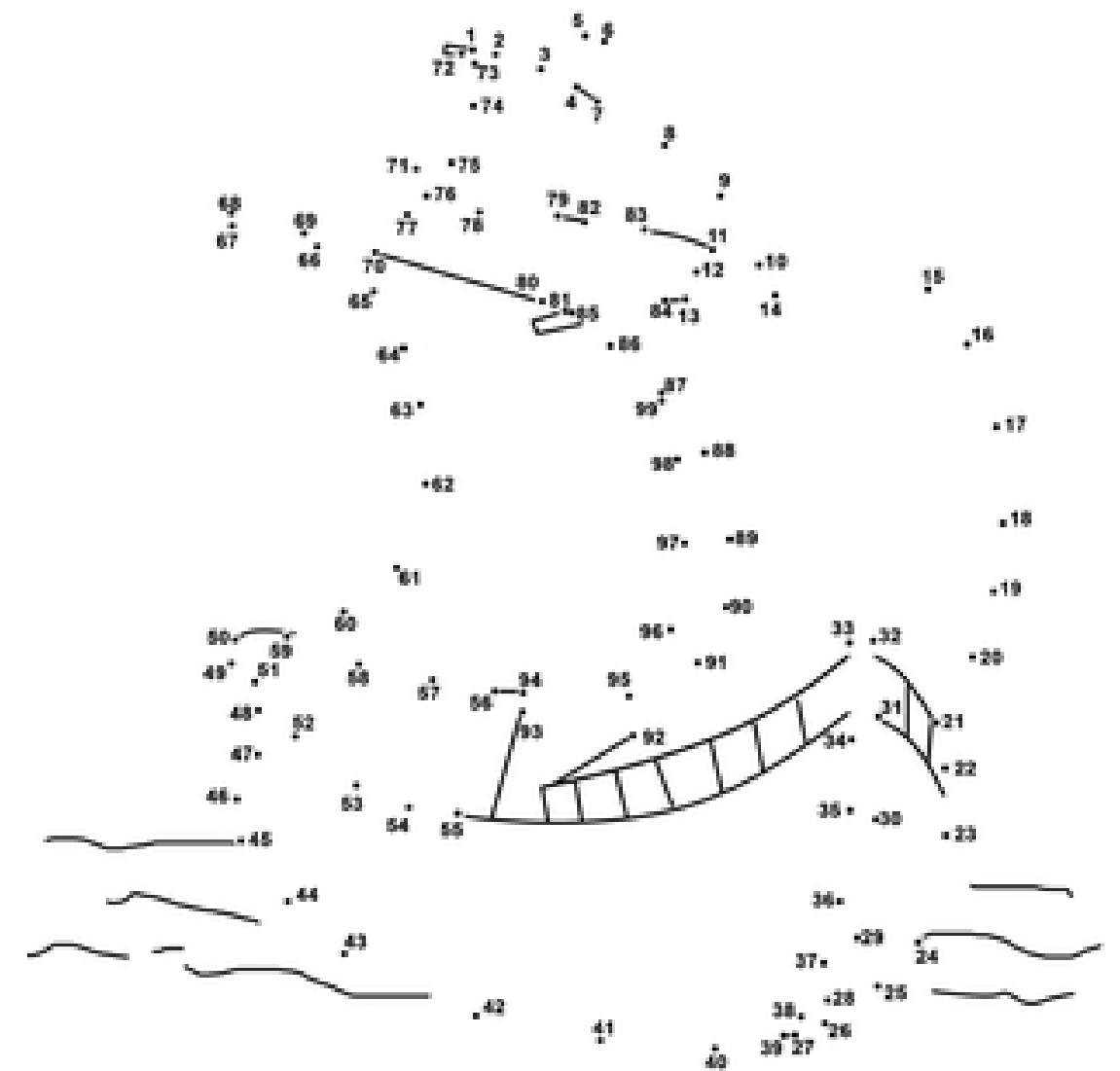
Ingredients

- 250g self-raising flour
- 1 tsp bicarbonate of soda
- 150g chocolate chips, milk, white, dark or a mix of all three
- 100g golden caster sugar
- 2 eggs, lightly beaten
- 150ml natural yogurt
- 100g unsalted butter, melted

Method

1. Heat oven to 200C/180C fan/gas 6 and line a 12-hole muffin tin with paper cases. Sift the flour and bicarbonate of soda into a large bowl, then stir in the chocolate chips and sugar. Add the beaten eggs, yogurt and butter, and stir to combine. It doesn't matter if the mixture looks a bit lumpy, it's more important not to overmix or the muffins will turn out tough.
2. Fill the paper cases and bake for 20-25 mins until risen and golden brown. Transfer to a rack to cool – or eat slightly warm. Will keep for three days in an airtight container.

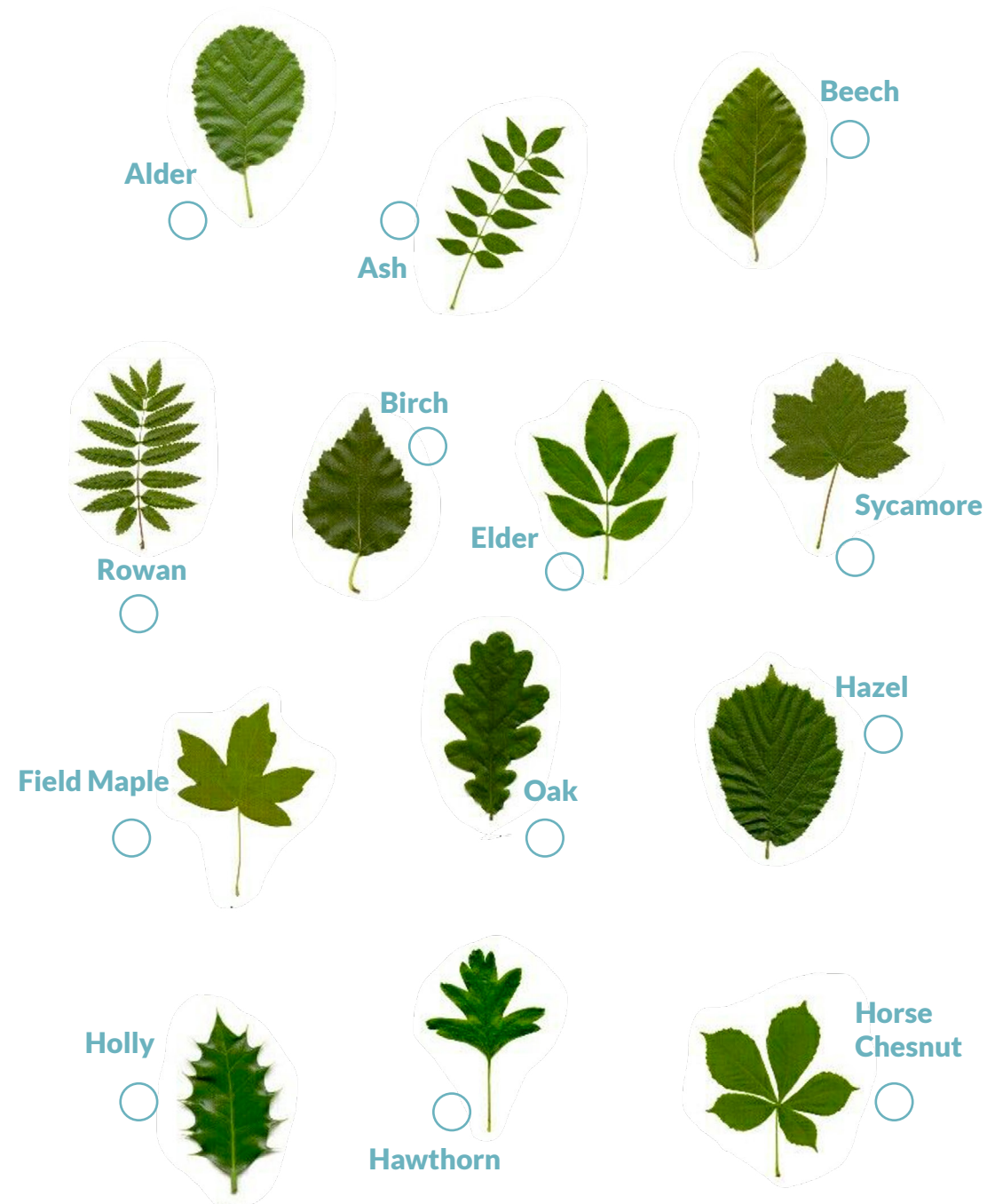
Join the dots!



Leaf hunt

How many of these leaves can you find on your walks or in your garden?

Tick them off as you find them and see if you can get them all!



Sea-life facts

Each week, we will be sharing some interesting facts about some of the wonderful sea-life we have around the UK, this week, we're talking about Blue Sharks and Leatherback Turtles

Blue Sharks

- Blue sharks are quite small for a shark, but they are still pretty big – they can grow to 1.8 metres.
- They live in groups and have lots of babies, and they like to eat squid.
- Once, a 2-headed blue shark was found!
- Baby sharks come from a 'mermaid's purse', which is an egg case! You can often find these washed up on the beach after they have hatched – rays and many sharks have similar looking eggs – keep an eye out next time you are on the beach!

Leatherback Turtles

- These are the largest species of turtle, and they travel the furthest and dive the deepest!
- Sadly, the leatherback turtle is also very endangered which means their numbers are getting low and they are dying because of something we are doing, which means that one day soon there might not be any left in the wild!
- Lots of leatherback turtles accidentally eat plastic that is floating around in the sea, because they think its food! A floating plastic bag looks a lot like jellyfish, which is the leatherback's favourite food! The plastic gets stuck in their tummies and makes them feel full and stops them being able to eat, which can kill them!

Ocean Anagrams

Can you solve these 4 anagrams?

1 aretrues

2 amermid

3 pish

4 pentune

Poetry Page

Whether its a few lines to filling this page and more, we'd love to see what poems you can all create! Be sure to tag us on social media when they are done, we'd love to read them!

[illegible]

Jam Doughnuts

If a sugary jam doughnut is your favourite treat from the bakery, why not try to make some at home? It's not as hard as you might think and the aroma of fresh doughnuts is more than worth the effort!

Ingredients

- 1 3/4 cup milk
- 14 g dry yeast (2 sachets)
- 100g unsalted butter, melted
- 1/3 cup caster sugar
- 4 eggs
- 1/2 tsp salt
- 4 cups plain flour
- vegetable oil for frying
- 1 cup caster sugar for dusting
- 1 jar raspberry jam for filling

Method

1. Warm the milk to tepid. Set aside half a cup and add yeast.
2. In a bowl, whisk the remainder of the milk with the sugar, eggs and butter.
3. Whisk in the yeast mixture and gradually mix in the flour and salt.
4. Place the batter in a warm place to prove for 1 hour.
5. Heat vegetable oil to 170°C. Place a quantity of the batter in a freezer quality Ziploc bag and snip corner off. Squeeze balls out of the bag into the oil snipping off with scissors when they are about a 2cm ball. Flip over to make sure they brown evenly (2-3mins).
6. Remove the donuts from the oil and drain on kitchen paper.
7. Roll warm doughnuts in caster sugar. Poke a hole in them with a sharp knife and pipe in some raspberry jam.

Quiz Time!

Time to test your knowledge with some sea-life questions!
How many can you get?

1 How big can a blue shark grow?

2 What is the largest species of turtle?

3 What is a 'mermaids purse'?

4 What is a leatherback turtles favourite food?

5 Which of these is an 'oak' leaf?



Other useful resources...

We've put together a few online resources that can help keep you and your kids busy, including fitness, fun and education

- www.oxfordowl.co.uk/ - An amazing selection of E-Books and ideas for reading activities.
- www.teachyourmonstertoread.com/ - A brilliant App that encourages early reading skills through games and fun activities.
- www.topmarks.co.uk/ - English, maths and science activities for KS1 and 2 pupils.
- <https://masterthecurriculum.co.uk/> - Maths skills and reasoning activities aimed at challenging all pupils.
- www.activelearnprimary.co.uk/resources#spag - Lots of spelling and grammar activities for KS1 and 2 pupils.
- www.twinkl.co.uk/ - Lots of printable resources suitable for all ages. Free subscription for the next month.
- www.bbc.co.uk/programmes/p06j7xgh - Programmes and learning video clips.
- www.bbc.co.uk/programmes/p007g5y4 - BBC Schools radio- a series of programmes covering music, dance, drama, songs etc.
- classroomsecrets.co.uk/ - Really lovely English and Maths resources for all ages including educational video clips and printables. Free subscription for at least the next month.
- <https://www.cosmickids.com> - Fun yoga activities for you to do with your kids
- <https://www.thebodycoach.com/blog/pe-with-joe-1254.html> - Lessons from Joe Wicks to keep active and fit

Anagram answers

- 1 treasure
- 2 mermaid
- 3 ship
- 4 neptune

Quiz answers

- 1 How big can a blue shark grow?
1.8 metres
- 2 What is the largest species of turtle?

Leatherback Turtle

- 3 What is a mermaids purse??
A blue shark egg
- 4 What is a leatherback turtles favourite food?

Jellyfish

- 5 Which of these is an oak leaf?





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