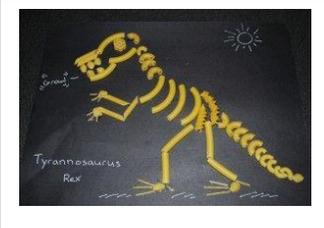


## 2<sup>nd</sup> Class Home Learning Activities Monday 15th June - Friday 19th June

### Art Week

This week is Art Week and we have planned lots of fun active things for you to try. Each day, there will be a different colour chosen and your art must be completed using that colour. Don't worry if you don't have paint, you can always use colours or whatever you do have.



	Monday 15th June Colour: Yellow	Tuesday 16th June Colour: Blue	Wednesday 17th June Colour: Green	Thursday 18th June Colour: Orange	Friday 19th June Colour: Rainbow
<p><b>Art Activity</b></p> 	<p>Today you will be creating a t-rex from PASTA! If you don't have pasta, rice or anything else will be fine.</p>   <p>Using the T- Rex skeleton template below, glue pasta</p>	<p>Today you will be creating a flower tattoo. Don't worry if you don't have blue flowers.</p> <p><b>Flower Tattoo</b></p>  <p>Rub a small bit of Vaseline where you want the tattoo. Place a dried flower on top and gently rub more Vaseline over the flower. Use soapy water to remove.</p> <p><small>*For a longer lasting effect you can use lash glue. Be careful with sensitive skin and know that it can hurt when being removed. Use olive oil to remove!</small></p> <p>1. Rub Vaseline on your hand where the tattoo will go. 2. Pick 2 flowers and put them on top of</p>	<p>Today you will be creating your name out of leaves, flowers and grass.</p>  <p>Take pics of your creations and send them on to your teachers.</p> <p>You may also want to create a nature bracelet.</p>	<p>Today you will be creating a tiger using your handprint!</p>  <p>1. Download the tiger template (below), print and cut out. 2. Trace your hand onto the paper, colour it orange and cut out.</p>	<p>Today you will be creating a rainbow leaf print.</p> <p><b>RAINBOW LEAF PRINTS</b></p>  <p>1. Find a large, flat leaf if possible. 2. Gently colour each section in a different colour using markers.</p>

on top of the black lines to make it look like dinosaur bones.

Or if you would rather create a T-Rex without using the template below, that's fine too.

Colour the background in whatever colour you like.

the vaseline like in the picture.

3. Rub more Vaseline on top of the flower.
4. You should have a flower tattoo now.

If you don't want to create a flower tattoo you can do this activity:

### Nature's Paintbrushes

You will need:

- Tongs
- A selection of leaves, stems or flowers
- Elastic bands
- Paint
- Paper

1. Collect some strong twigs and a selection of leaves, branches, grasses or flowers with sticks. You can use whatever you find and whatever you like to have a good explore.
2. Carefully secure your leaves or flowers to the end of a twig by wrapping an elastic band round and round them. Use all sorts of different leaves and flowers that will give you different textures and make different marks when they are used as paintbrushes.
3. Dip your nature paintbrushes into paint and see what textures, lines and patterns they make when you paint with them on paper.



@MrsBpriSTEM

## Nature Bracelets

You will need:

- Tape of any variety - I prefer the wider, transparent parcel tape but any tape will do!



1. Cut tape so it fits loosely around the wrist.
2. Attach so the 'sticky' part of the tape is facing out.
3. Decorate and enjoy!

### EXTENSION

Why don't you create a rainbow bracelet, hunting for something to include for each colour of the rainbow?

Use a wild flower or leaf identification chart to name the flowers and leaves you are attaching to your bracelet.



@MrsBpriSTEM



3. Use the black marker to draw stripes all over the handprint and tail.
4. Glue the completed face onto the thumb.



5. Make a tail and glue the tiger's tail to the backside of the handprint, on the pinky side.



3. Fill the entire leaf in different colours.
4. Press the coloured side down on white paper and press gently.
5. Lift up and reveal your rainbow leaf!



Did you know you can also create your own paint from petals? Check this out:

### Flower Petal Ink

You will need:

- Colourful flower petals
- Boiling water
- Pesto and mortar (optional)
- Jar or bowl



1. Mash the flower petals in a jar or bowl using a pestle and mortar or anything else you can grind them with!
2. Pour just enough boiling water over the petals so they are covered.
3. Leave in a sunny spot (preferably overnight) until the water changes colour.
4. Now you're ready to paint!

**THE SCIENCE**

Flower petals are colourful because the colour attracts birds, bees and other insects. The insects land in the flower and spread pollen which helps fertilise the flowers. The different colours are caused by different pigments in the petals. The colours that we see in flower petals aren't actually the colours that insects see. Because insects have different eye structures, they may see totally different colours to us!



@MrsBySTEM

### Activity 1

### Reading Comprehension

Did you watch the launch of the SpaceX rocket from the Kennedy Space Centre on the 30th May?

It was the first human space mission to blast off from the United States in 9 years.

Watch the rocket launch here:  
<https://www.youtube.com/watch?v=OI3fiNkgTOU>

Have a go at this reading comprehension (below) about a different space mission. Then answer the questions.

### Maths Scavenger Hunt Bingo

Explore your home to see how many of the items on the Scavenger Hunt sheet below you can find. You can play by yourself or with someone else. See if you can get 5 in a row horizontally, diagonally or vertically or challenge yourself to find all of the items on the list.

**Maths Scavenger Hunt Bingo**

Explore your home to see how many of the items on the Scavenger Hunt sheet below you can find. You can play by yourself or with someone else. See if you can get 5 in a row horizontally, diagonally or vertically or challenge yourself to find all of the items on the list. You can only cross each item off once. Good luck and have fun!

Something heavier than 1kg 	A circle 	Something shorter than 10cm 	The number 5 	A two digit odd number 
A euro coin worth less than 10c 	Something that comes in pairs 	A cuboid 	An even number 	A pattern 
Something twice as long as your foot 	Something longer than 1m 	A sphere 	Something that has the time 	Something lighter than 1kg 
Something that has symmetry 	A number written in words 	A number in the teens 	Something with a capacity of less than 1 litre 	A right angle 
A number greater than 20 but less than 50 	The price of something when it costs in euros 	Something that is blue 	Something that has a square 	A number with an even digit in the tens place 

### Virtual School Tour

Today you will go on a virtual school tour. You can choose where you would like to go from the suggestions below. There are lots of ideas from zoos, museums, the Eiffel Tower, the pyramids in Egypt, the International Space station and many more!

Once you have chosen where you would like to go on your tour click on the link below and go to the website. You can spend as long as you like on your tour! When your tour is finished you will write a postcard to a friend all about your virtual school tour. Remember to include

### Tiger Poem

Write a poem about a tiger. You can choose between writing an acrostic poem or a kenning. Use the examples below to help you and remember to try and include lots of adjectives (describing words) and alliteration.

*Alliteration example:  
Tremendous tigers*

### Quiz



Test your Marvel and DC superheroes skills! | Which animal are you? | Can you name the tree? | Quiz Celebrity Cakes Off! | Which Star Wars character are you?

Choose a quiz to do from the CBBC Newsround Website.  
<https://www.bbc.co.uk/newsround#more-stories-4>

Our favourites are 'World Records - True or False?' and 'Which of These Sports Aren't in The Olympics?'



**OSIRIS-REx Investigates Asteroid**

Bennu is an asteroid. Scientists at NASA, the U.S. space agency, think studying this old rock in space will help us learn more about our solar system. They also predict that Bennu might hit Earth in 2195, which could be dangerous for life on Earth. So, NASA sent OSIRIS-REx, a spacecraft, to investigate Bennu now.

OSIRIS-REx will take almost two years to reach the asteroid. Once the spacecraft arrives, it will take pictures and scans, and will make a map of Bennu.

In July 2020, a long arm from the spacecraft will grab the surface of the asteroid for two seconds. The arm will also grab some flying dust created by blowing a blast of gas.

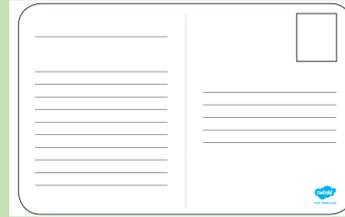
**Timeline of OSIRIS-REx's Journey**

OSIRIS-REx launched on 12 September 2018. It will reach Bennu in March 2020. It will stay in orbit for 6 months. It will take pictures and scans. It will make a map of Bennu. It will grab the surface of the asteroid for two seconds. It will return to Earth in September 2023. It will drop its box with the dust over the United States.

NASA hopes to learn a lot about Bennu.

If you want to find out more about the International Space Station click on this link:  
<https://www.bbc.co.uk/newsround/34792835>

what you saw, what you learned and what your favourite part of the tour was.



**Tiger Kenning**

Kenning's are like riddles and are a type of poem. They describe something without saying what it is. Each line in a kenning poem has only two words. Read the example below and then try to write your own tiger kenning.



Deadly hunter,  
 Loud growler,  
 Striped stalker,  
 Jungle dweller,  
 Man eater,  
 Fierce feline,  
 Silent prowler.



Tremendous tiger  
 Intelligent and wild  
 Growls loudly as it stalks its prey  
 Energetic and fierce  
 Rushing through the jungle



**World Records - True or false?**

© 6 Sep 2018 P 29



**Which of these sports aren't in the Olympics?**

© 26 Jun 2019 P 2

**Activity 2**

**Daily Mental Maths**

**Daily Mental Maths Challenge**

In preparation for Third Class it is really important to learn your mental maths facts and be able to recall them quickly.

Each day there will be a different maths challenge

**Daily Mental Maths Challenge**

Challenge yourself to make the target number by using the +, - and the numbers below. You can only use each number once.

**Daily Mental Maths Challenge**

Use your pack of cards to play this game.

Key:  
 Ace = 1  
 King, Queen, Jack or Joker = 10

**Daily Mental Maths Challenge**

Can you complete these sequences?

Each number in the sequence is made by adding the previous two numbers together.

**Daily Mental Maths Challenge**

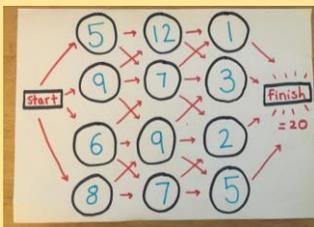
Can you find the mystery number? Follow the clues on the page below.



for you to complete. Let us know how you get on with them.

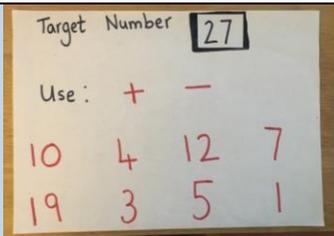
Today's Challenge:

How many routes across can you find from start to finish that add to 20? Do this by adding numbers together.



Please see below for bigger pictures.

Can you make your own at home for someone else to complete?



How many different ways can you make the target number?

Can you make a similar challenge for someone else?

The rest of the cards in the pack have their numbers on them.

You can change the game to 'First to 50' if you want.



- a) 4, 7, 11, —, —
- b) 1, 3, —, —, —
- c) 3, 6, —, —, —
- d) —, 8, 10, —, —
- e) 4, —, 10, —, —

**Daily  
Optional  
Extra  
Workbooks  
Activities**

15 mins daily reading  
Maths Challenge 45  
Just Handwriting p. 60  
Spellbound p.66, ex 1

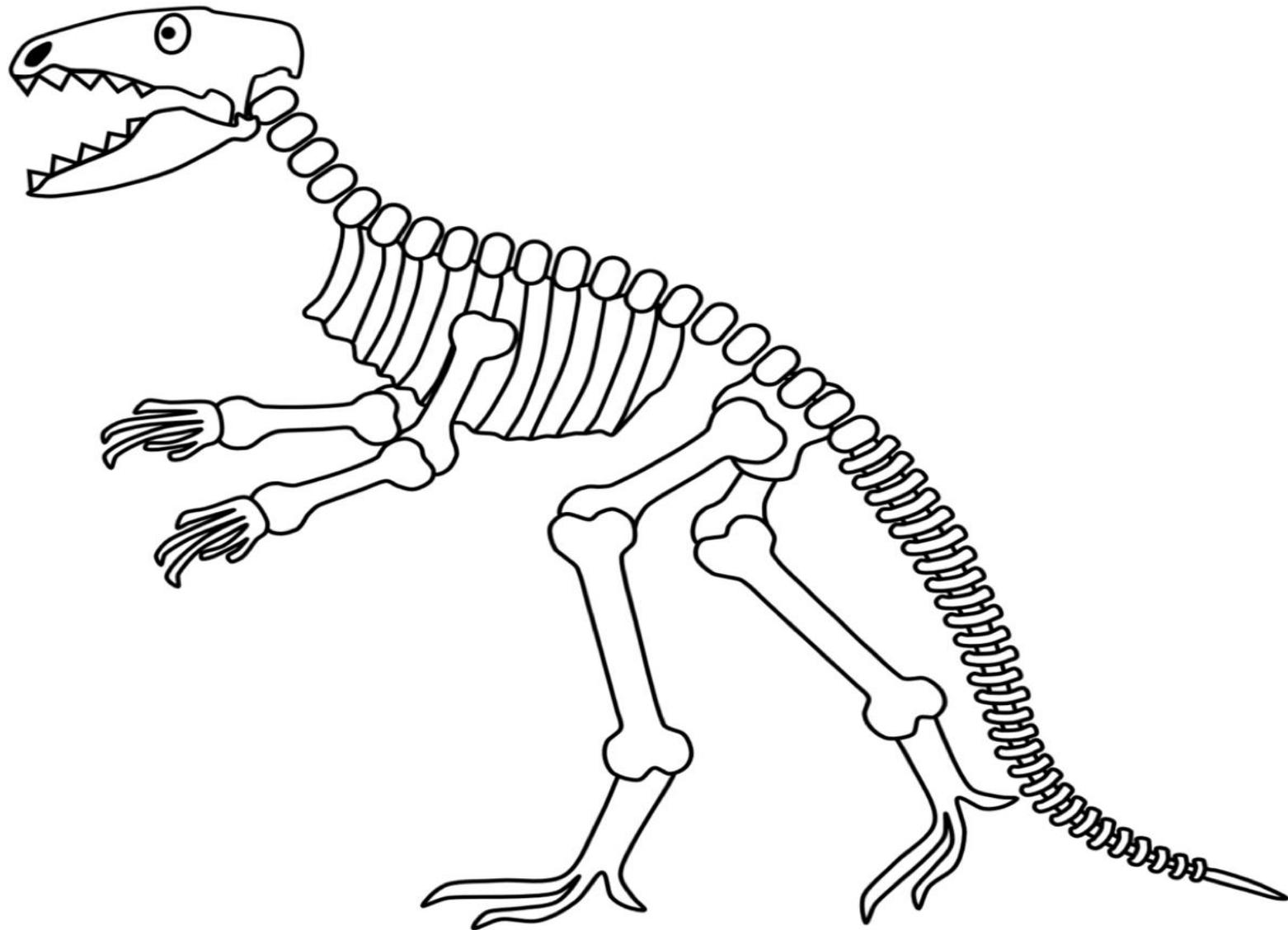
15 mins daily reading  
Maths Challenge 46  
Just Handwriting p. 61  
Spellbound p.66, ex 2 and 3

15 mins daily reading  
Maths Challenge 47  
Just Handwriting p. 62  
Spellbound p.67, ex 4

15 mins daily reading  
Maths Challenge 48  
Just Handwriting p. 63  
Spellbound p.67, ex 5

*Friday spelling test*  
Choose any 10 words your child has been practising this week and ask them to write them in the back of their book.

Monday- T-Rex Template





Two solar panels power the spacecraft on its mission to collect a dust sample from the asteroid Bennu.

Photo credits: Page 1: courtesy of NASA/OSR-C, page 2: courtesy of NASA; background: © ianthe16/stock/Thinkstock

## OSIRIS-REx Investigates Asteroid

Bennu is an asteroid. Scientists at NASA, the U.S. space agency, think studying this old rock in space will help us learn more about our solar system. They also predict that Bennu might hit Earth in 2135, which could be dangerous for life on Earth. So, NASA sent OSIRIS-REx, a spacecraft, to investigate Bennu now.

OSIRIS-REx will take almost two years to reach the asteroid. Once the spacecraft arrives, it will take pictures and scans, and will make a map of Bennu.

In July 2020, a long arm from the spacecraft will probe the surface of the asteroid for five seconds. The arm will also grab some flying dust created by blowing a blast of gas.

Scientists will study the dust to learn what materials make up Bennu.

The same materials might have been used to form the Sun, planets, and oceans. Learning about Bennu can help scientists understand how the solar system originated.

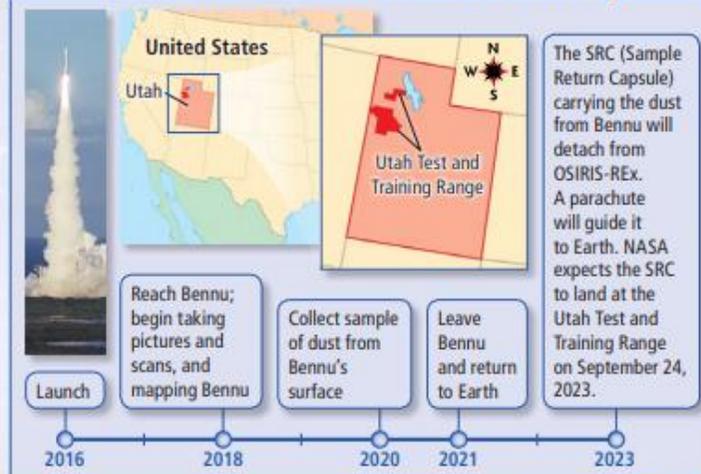
In March 2021, the spacecraft will leave Bennu for its return journey to Earth. In September 2023, it will drop a box with the dust over the United States.

NASA hopes to learn a lot about Bennu.

### Follow the Mission!

Ask a parent or teacher to go online and learn more about OSIRIS-REx's mission at <http://www.asteroidmission.org>. You can explore the spacecraft and follow its journey.

## Timeline of OSIRIS-REx's Journey



Monday - Reading Comprehension Questions

Remember to answer these questions in **full sentences** with **capital letters** and **full stops** in the correct places.

1. What is OSIRIS-Rex and why has it been sent into space?

*OSIRIS-Rex is a \_\_\_\_\_ and has been sent into space because \_\_\_\_\_.*

2. How long will it take to reach Bennu?

*It will take \_\_\_\_\_.*

3. What words in the first paragraph help readers understand what an asteroid is?

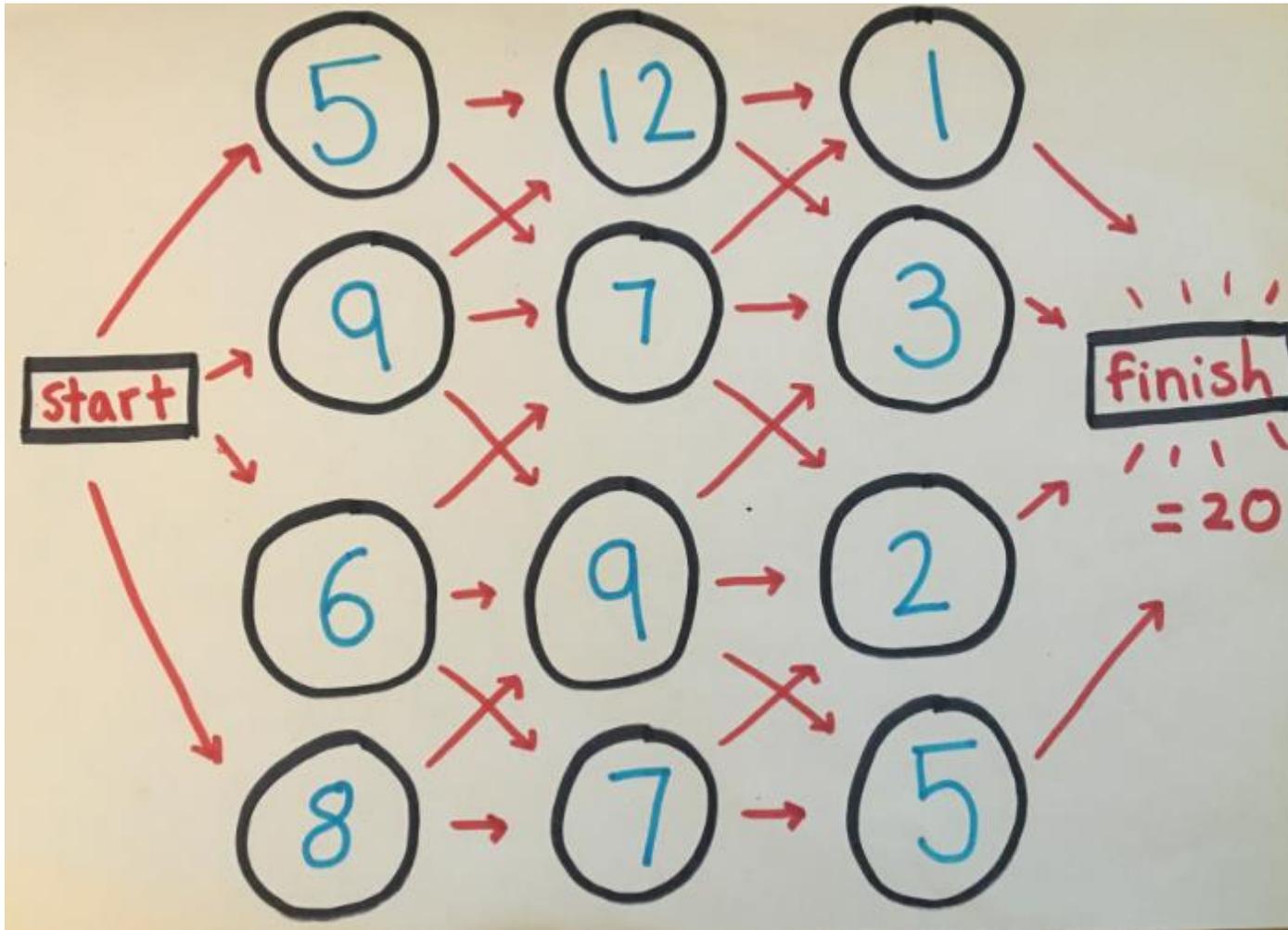
4. How will OSIRIS-Rex study Bennu?

5. Why do you think there are no astronauts on the Bennu mission?

6. What else can you learn about Bennu by following this link? <https://www.asteroidmission.org/objectives/bennu/>

Monday - Mental Maths Challenge

How many routes across can you find from start to finish that add to 20? Do this by adding numbers together.



# Nature's Paintbrushes

You will need:

- Twigs
- A selection of leaves, grasses or flowers
- Elastic bands
- Paint
- Paper

1. Collect some strong twigs and a selection of leaves, branches, grasses or flowers with stalks. You can use whatever you find and whatever you like so have a good explore.
2. Carefully secure your leaves or flowers to the end of a twig by wrapping an elastic band round and round them. Use all sorts of different flowers and leaves that will give you different textures and make different marks when they are used as paintbrushes.
3. Dip your nature paintbrushes into paint and see what textures, lines and patterns they make when you paint with them on paper.



## Tuesday - Maths Scavenger Hunt Bingo

### Maths Scavenger Hunt Bingo

Explore your home to see how many of the items on the Scavenger Hunt sheet below you can find. You can play by yourself or with someone else. See if you can get 5 in a row horizontally, diagonally or vertically or challenge yourself to find all of the items on the list. You can only cross each item off once. Good luck and have fun!

Something square 	A circle 	Something shorter than 10cm 	The number <b>5</b>	A two digit odd number <b>21, 23, 25, 27</b>
A euro coin worth less than 50c 	Something that comes in a pair 	A cuboid 	An even number <b>0, 2, 4, 6, 8</b>	A pattern 
Something twice as long as your foot 	Something longer than 1m 	A sphere 	Something that tells the time 	Something lighter than 1kg 
Something that has symmetry 	A number written in words <i>twelve</i>	A number in the teens <b>13, 14, 15, 16</b>	Something with a capacity of less than 1 litre 	A right angle 
A number greater than 20 but less than 50 <b>&gt;20 &lt;50</b>	The price of something written in euros or cents <b>€12 43c</b>	Something triangular 	Something that rolls 	A number with an even digit in the tens place <b>TU</b> <b>21</b>

Tuesday - Mental Maths Challenge

Challenge yourself to make the target number by using the +, - and the numbers below. You can only use each number once.

How many different ways can you make the target number?

Target Number 27

Use : + -

10      4      12      7

19      3      5      1

# Nature Bracelets

## You will need:

- Tape of any variety - I prefer the wider, transparent parcel tape but any tape will do!



1. Cut tape so it fits loosely around the wrist.
2. Attach so the 'sticky' part of the tape is facing out.
3. Decorate and enjoy!

## EXTENSION

Why don't you create a rainbow bracelet, hunting for something to include for each colour of the rainbow?



## Wednesday - Virtual School Tour Websites

*Read through the descriptions below and then decide which virtual school tour you would like to go on. Once you have decided, click on the link and explore the tour. Afterwards, use the template below to write a postcard to a friend all about your school tour. Remember to say where you went, what you saw, what you learned and what your favourite part of the tour was.*

[Dublin Zoo](#) - Catch a glimpse of the giraffes, zebras and rhinos on the African Savanna, get a birds-eye view of the penguins or watch the wondrous herd of Asian elephants bathe and chomp on their lunch with these live animal cams.

[Áras an Uachtaráin](#) - Visit the president Michael D. Higgins at his house.

[The Natural History Museum](#) Take a visit to the 'dead zoo' and check out the different animal skeletons.

[International Space Station](#) Take your school tour to the next level and explore the International Space Station with the Station Commander.

[Mars](#) Bored of going on school tours on Earth? Then why not head to Mars for your school tour instead!

[Pompeii](#) Head over to Pompeii in Italy and find out all about the ancient baths. You can even see what a Roman toilet looked like if you find the section called 'latrine'!

[Great Wall of China](#) Check out the 3000 mile long Great Wall of China

[Pyramids of Giza](#) Hop on over to Egypt and take a look at the famous pyramids of Giza.

[Eiffel Tower](#) Bonjour! Take a look around the Eiffel Tower and see the beautiful views of the city of Paris.

Wednesday - Virtual School Tour postcard template

The postcard template is divided into two main sections by a vertical dashed line. The left section is for a message and contains 12 horizontal lines. The right section is for an address and contains 5 horizontal lines. A rectangular box in the top right corner is designated for a stamp. The Twinkl logo and website URL are located in the bottom right corner of the postcard.



visit [twinkl.com](https://www.twinkl.com)

**Key:**

Ace = 1

King, Queen, Jack or Joker = 10

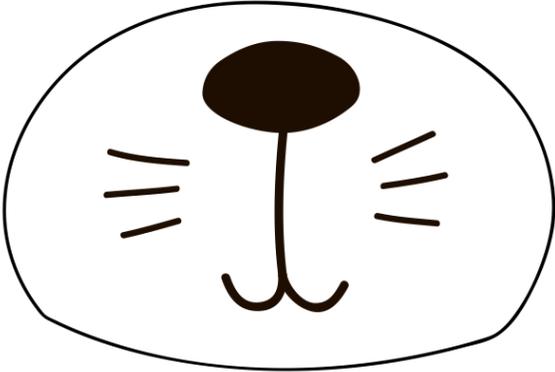
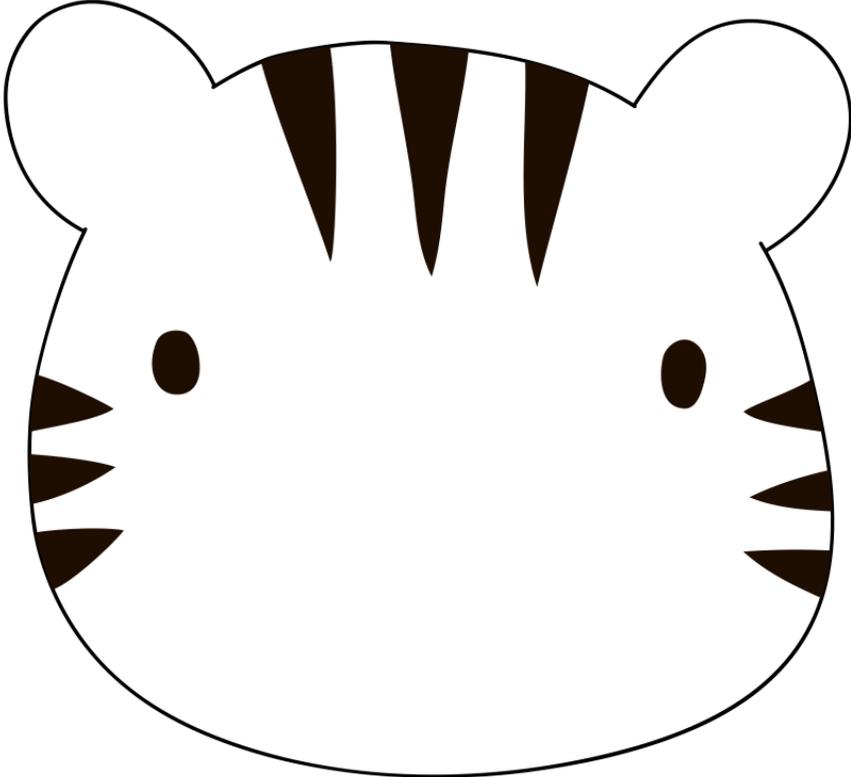
The rest of the cards in the pack have their numbers on them.



### First to 100

1. Shuffle the cards and lay them face down. Each player takes one card and turns it over.
2. Record the number on the card. Ace = 1, picture cards = 10.
3. Take a second card each and add the number to the first number.
4. Keep taking cards until the first person reaches 100.

Thursday- Tiger Face Template



Thursday - Tiger acrostic poem example and template



**T** \_\_\_\_\_

**I** \_\_\_\_\_

**G** \_\_\_\_\_

**E** \_\_\_\_\_

**R** \_\_\_\_\_

**WORD BANK:** tremendous terrific fierce  
silent wild orange striped whiskers tail  
paws tall predator growl stalking



**Tremendous tiger**

**Intelligent and wild**

**Growls loudly as it stalks its prey**

**Energetic and fierce**

**Rushing through the jungle**

## **Tiger Kenning**

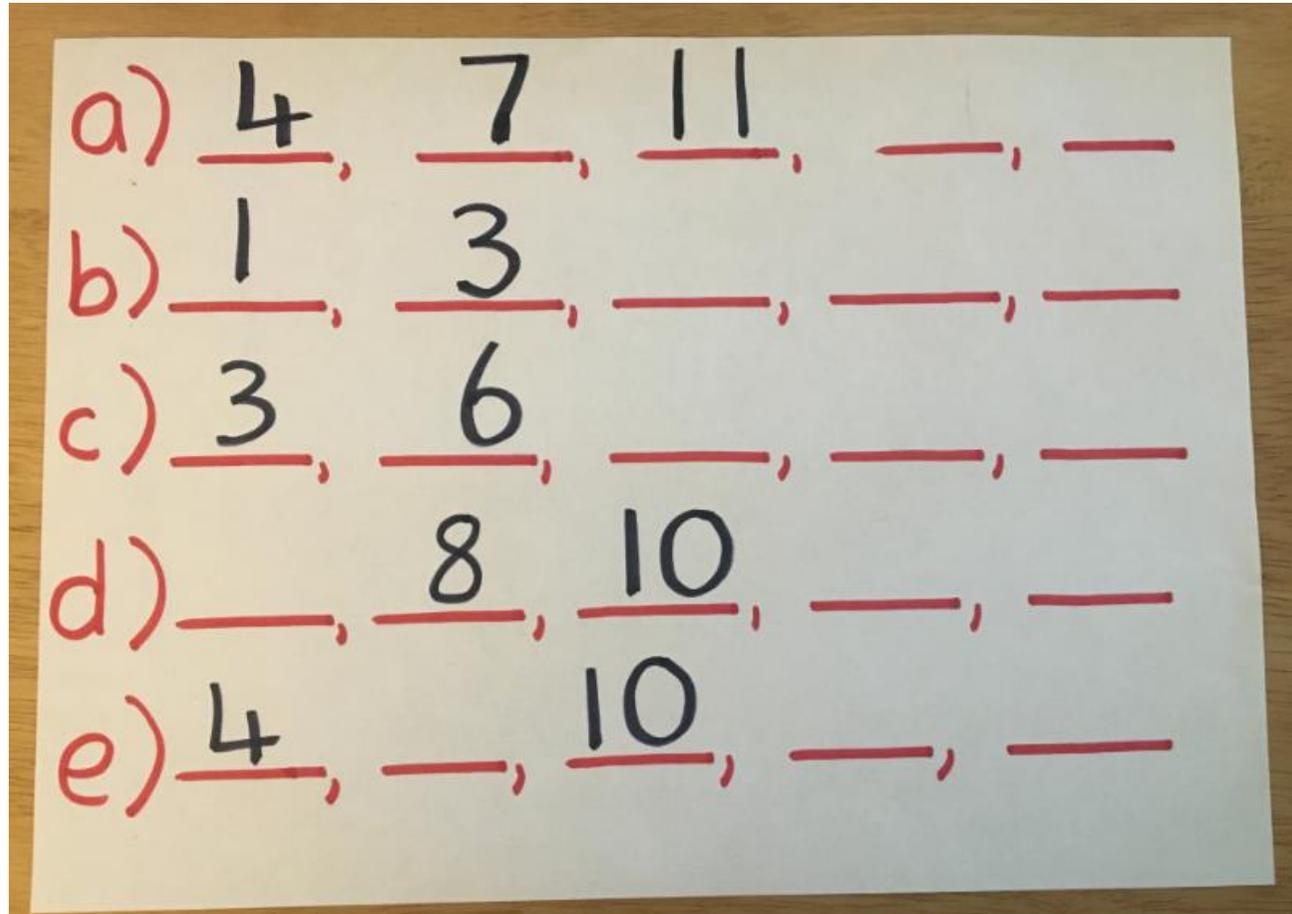
Kennings are like riddles and are a type of poem. They describe something without saying what it is. Each line in a kenning poem has only two words. Read the example below and then try to write your own tiger kenning.



**Deadly hunter,  
Loud growler,  
Striped stalker,  
Jungle dweller,  
Man eater,  
Fierce feline,  
Silent prowler.**

Thursday - Mental Maths Challenge

Each number in the sequence is made by adding the previous two numbers together.



# Flower Petal Ink

## You will need:

- Colourful flower petals
- Boiling water
- Pestle and mortar (optional)
- Jar or bowl



1. Mash the flower petals in a jar or bowl using a pestle and mortar or anything else you can grind them with!
2. Pour just enough boiling water over the petals so they are covered.
3. Leave in a sunny spot (preferably overnight) until the water changes colour.
4. Now you're ready to paint!



## THE SCIENCE

Flower petals are colourful because the colour attracts birds, bees and other insects. The insects land in the flower and spread pollen which helps fertilise the flowers. The different colours are caused by different pigments in the petals. The colours that we see in flower petals aren't actually the colours that insects see. Because insects have different eye structures, they may see totally different colours to us!

Friday - Mental Maths Challenge

Can you find the mystery number?

Follow the clues:



Clue One: The mystery number is not an even number.

Clue Two: It is a two digit number.

Clue Three: It is less than 40.

Clue Four: It is greater than 14.

Clue Five: The sum of its digits is greater than 5.

Clue Six: The units digit is less than 5.