

End of Summer Term

Activity Booklet



Art and RE

Draw Your Own Celtic Knots

Celtic patterns are an ancient artform which is popular for decoration and embellishment of religious writings and symbols. It is also rising in popularity with many non-religious groups.

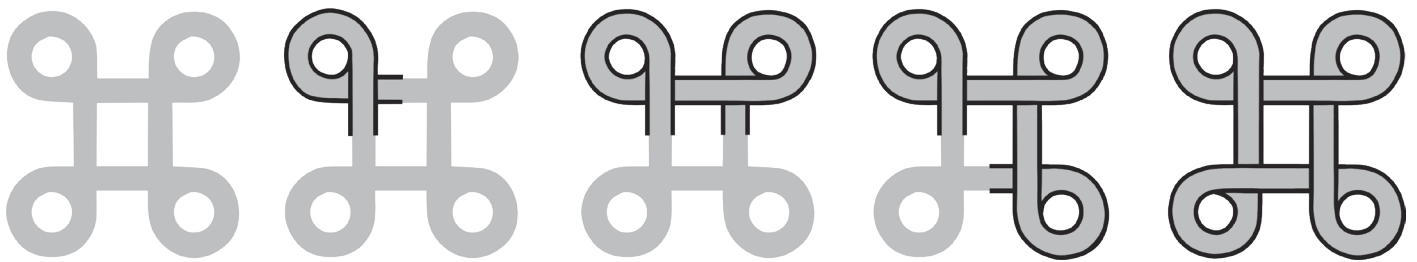
The key feature is the use of one or more continuous ribbons or lines that interweave with themselves.

How to Draw a Celtic Knot

First, draw the pattern with a wide line. This can be done with a highlighter, paintbrush or wide felt tip. Let it dry before the next stage.

Next, use a thick black pen to draw the edges. Choose a starting point and take it in turns to go under and over another thick line as you meet it.

This pattern should help you.



Once you've gone over all the lines you should have something that looks like this.



Now you know how to draw them, why not design some of your own.



History

Queen Victoria's Descendants

t p f a l i c e t m m c
a u q r v b x b m q h h
n a r t h u r e c g c a
v i c t o r i a m g a r
h q c h o b a t j k u l
w i p y x w c r i l r o
i a l b e r t i s d a t
l h e n r y f c a p l t
l r e q i v h e x z f e
i m o l e o p o l d r x
a d j e h e l e n a e l
m t l o u i s e q i d l

Victoria

Albert

Alice

Alfred

Helena

Louise

Arthur

Leopold

Beatrice

William

Charlotte

Henry

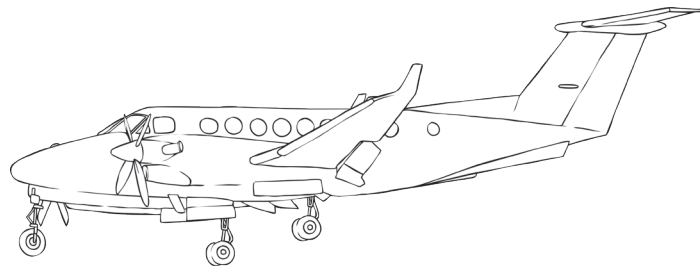
Geography

Plan Your World Tour

Imagine that you have an unlimited budget so you can plan a world tour. You might choose to travel by aeroplane, boat or train but you must go all the way round the world. You have to visit and stop off in every continent and start and finish in your hometown.

Use the map below to draw your route and label the cities and places you will stop at on the way. Use a ruler to join up the places you will visit; these will be your route lines.

Remember that going off this flat version of a world map at one side, brings you out at the other side of the map!



Computing

World Tour Photos

Now you have planned the trip, use the Internet to find images of any tourist attractions or sights you could like to visit at each of your stops.

You can copy and paste the images into a presentation or document to show others what you would like to see.

Why not try finding out some interesting facts about each tourist attraction or sight as well!



Design and Technology

Make a Geodesic Dome

A triangle is the strongest shape for building structures. A geodesic dome is a structure made from a number of triangles.

You will need:

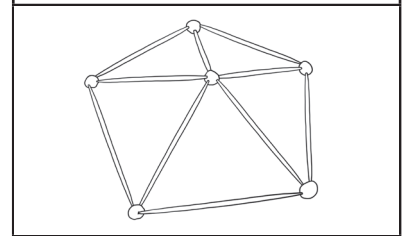
- 65 sticks (length of your choice)
- Joiners (modelling clay, tape or similar)

Instructions

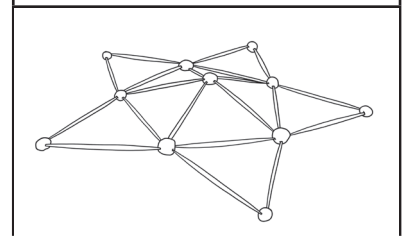
1. Use ten sticks to make a shape that has five triangles and doesn't lay flat once it is all joined together. See image 1.
2. Using ten more sticks, make five more triangles from each side of the shape you have made. See image 2.
3. Using 15 sticks, make two more triangles in-between each of these new triangles. Your dome should now have a second layer and look a bit bigger. See image 3.
4. With 20 more sticks, make a triangle from each outside edge of this new shape. See image 4.
5. Now, join the last set of triangles together with one additional stick. This should pull all the triangles together and finish your dome. See image 5.

Once you have made your dome, you could try adding a door, windows or a sheet over the top to protect you from the weather if you are inside.

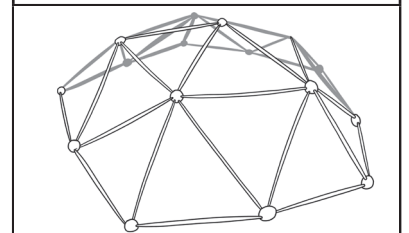
1.



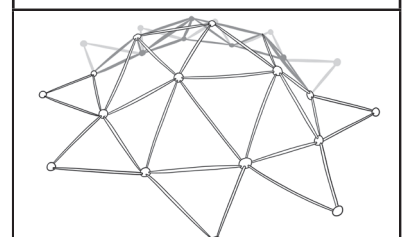
2.



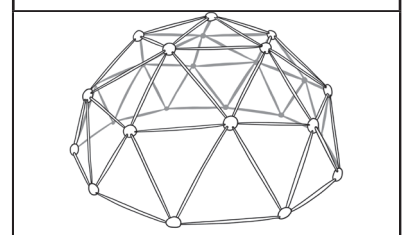
3.



4.



5.

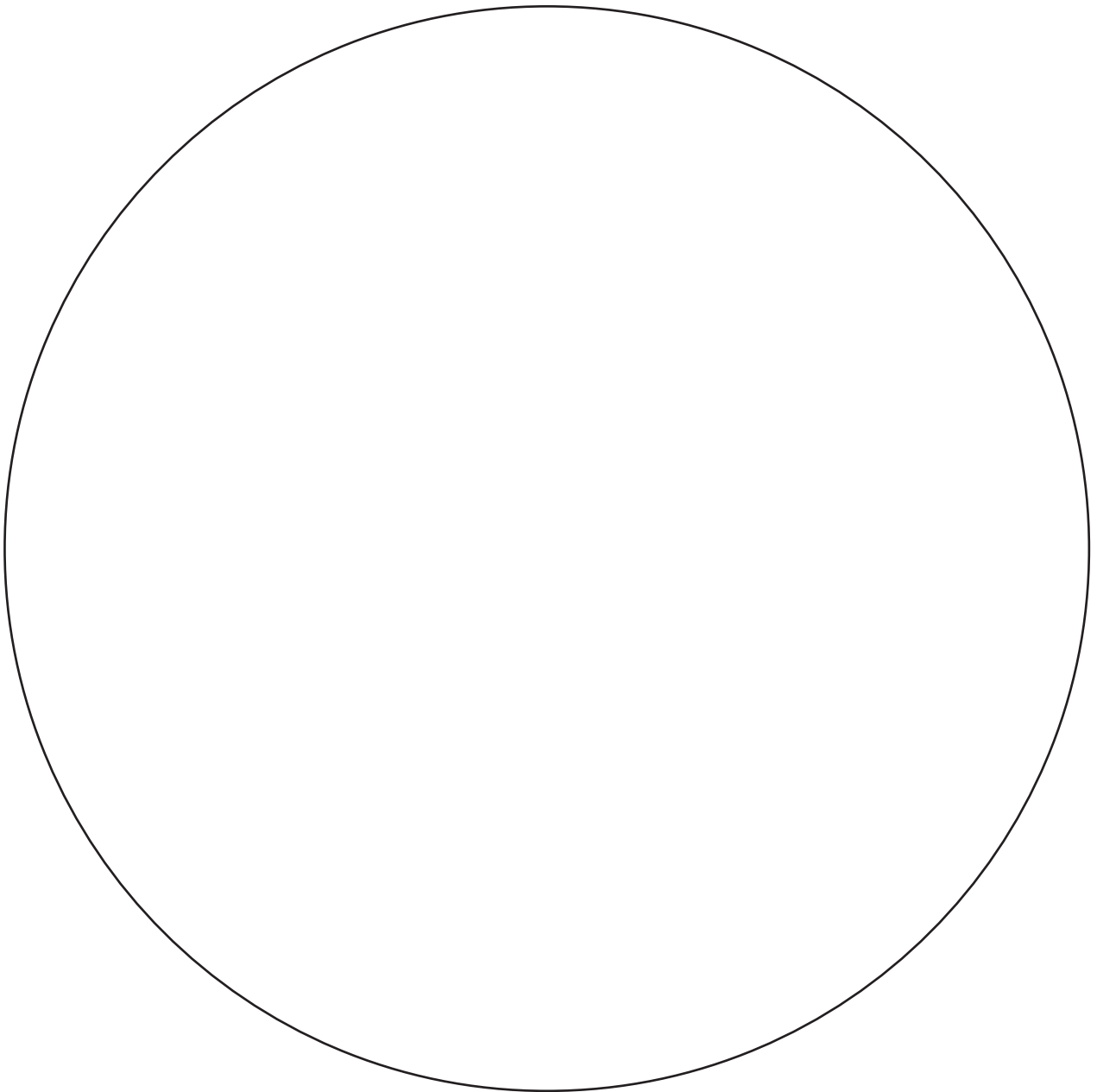


Science

What's in the Hoop?

Instructions

1. Take a hoop (any size) outside and place it somewhere natural, for example on the grass, soil or even against a hedge or tree.
2. Take a moment to look really carefully at all the things that you can see inside your hoop.
3. Carefully, draw what you can see inside the blank circle below.
4. Now, use books or the Internet to identify and label everything you drew.



Music and PE

Choreography

Find a song from a different decade. Listen to it and identify some similarities and differences to a song from today and fill in the answers below.

Name of Song: _____

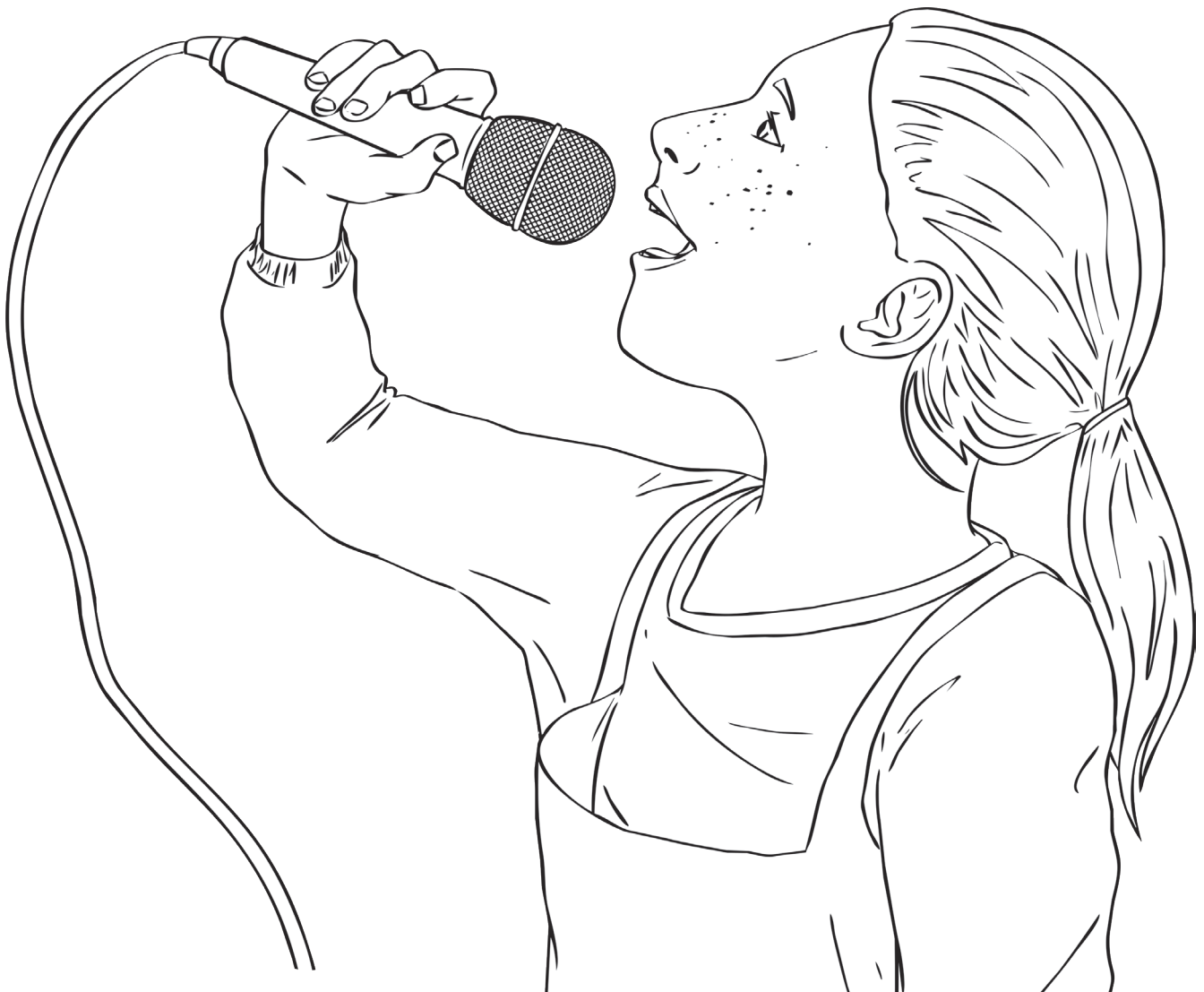
Artist: _____

Year of Release: _____ Genre: _____

Tempo: _____

Now, either on your own or with a partner or group, put together a dance routine to fit the song. The moves can be anything you like.

If you need inspiration, you might want to look at different music videos on the Internet. You could even use recording equipment to make your own music video!



PSHCE

Current Affairs News Report

Why not film your own news report?

Think about a good news story that has happened in your school, village or town and plan a news report around it. You will need a presenter and camera operator to film it. Plan it by answering the following questions:

What has happened? _____

Where did it happen? _____

When did it happen? _____

Who was involved? _____

Are there other details? _____

Who could you interview for more information? _____

What three questions could you ask them?

1. _____

2. _____

3. _____

4. _____

5. _____

Now, all you need to do is make your notes into a report that you can present to the camera. You might want to plan it in your head and just use a few words for notes.

History

Queen Victoria's Descendants Answers

t	p	f	a	t	i	c	e	t	m	m	c
a	u	q	r	v	b	x	b	m	q	h	h
n	a	r	t	h	u	r	e	c	g	c	a
v	i	c	t	o	r	i	a	m	g	a	r
h	q	c	h	o	b	a	t	j	k	u	l
w	i	p	y	x	w	c	r	i	l	r	o
i	a	t	b	e	r	t	l	s	d	a	t
t	h	e	n	r	y	f	c	a	p	l	t
t	r	e	q	i	v	h	e	x	z	f	e
t	m	o	t	e	o	p	o	t	d	r	x
a	d	j	e	h	e	t	e	n	a	e	l
m	t	t	o	u	i	s	e	q	i	d	l

Victoria

Albert

Alice

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Beatrice

William

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Henry