

September 2020



IMPORTANT

Due to the Coronavirus pandemic and the implementation of social distancing, all U3A meetings are suspended until further notice.

Letter from The Chair

Hello Members,

Is it really a month since the last newsletter? – I can't believe it – and we are still in the same position with no U3A meetings. Incidentally, none of the venues we use, have started to hold meetings on their premises, but in the meantime, I have sent out, to all Group Leaders, the latest Risk Assessment information, as recommended by the Third Age Trust. This is a requirement, for your safety, before we can start again with any of our meetings. I am in contact with other U3A Chairs, and they like us are still unable to hold normal meetings, although many more local U3A Interest Groups are now turning their attention to organising Zoom meetings for their Members, especially with the approach of Autumn and the nights starting to draw in. Once more, the offer of help from Yvonne and myself, starting up a Zoom meeting, either amongst the Interest Groups or even with just a few U3A friends is still there. You can contact either of us on 0115 9301809 or email chair@ilkestonu3a.org.uk.

It's September, the month of ripening fruits (apples, pears, plums, delicious blackberries and late strawberries), the harvesting of crops, harvest festivals and the very welcome late summer sunny days, which encourage the last burst of colour from the summer flowers.

So why am I not a great fan of September, not because it's the month I get another year older, not because it's the start of autumn and nights are drawing in, but quite simply because it's the month of the SPIDERS! The eight-legged monsters which appear with the onset of autumn, invading my home turning me into a nervous wreck. How is it I can remove most unwanted insects, so why is the spider such a challenge? Apparently, they do not like conkers, (is that just an old wives' tale?). So it's time to go for a walk to collect them to scatter around the house. A game of 'Conkers' with Charlie, my 7-year-old grandson could be on the agenda. Maybe you can remember the sore knuckles.

The Committee will be holding a Zoom meeting early/mid-September, so if there are any matters you would like raising at this meeting, please contact either myself, John Stokes (Business Secretary) or Val Buxton (Treasurer).

Enough from me, I really hope we will have some good news soon about when we are able to meet again, but until then, please take care, look after yourselves, keep safe and in contact with each other.

Best wishes,

Ann Riley
Chair Ilkeston U3A

East Midlands Trustee's Newsletter



August 2020

Back in March I do not think that any of us imagined that this situation would go on for as long as this. It has not been at all easy and I know how much many of our members are longing to return to normal routines.

During the last few months, many U3As across the Region, have been in touch with others in their Network or neighbourhood group. Newsletters have been circulated and issues raised and discussed. Now Networks are beginning to hold virtual meetings. E Lincs. was the first group to do this and it went very well. Notts. Network held one yesterday with 37 people taking part, and were joined by national Chair, Ian McCannah, who gave an update on the Trust development plan. U3As reported on how they are coping with the current situation. It was particularly good to hear about the very pro-active Groups Coordinators at Beeston U3A, who have encouraged and supported so many of their group convenors to use zoom for their groups. Leicestershire Network have a similar meeting planned. This has emphasised just how important Networks are in providing mutual support.

Latest guidance

Do read the latest guidance carefully in relation to the opening of groups and where they can be held.

What next?

- Ø What do your members value about their U3A? How can you maintain this?
- Ø Are you open to new members?
- Ø What ideas do you have for the future?
 - Could you consider a 'fusion' approach, a mix of virtual and actual?
 - Could you have a 'buddy' system for helping more members to engage with the internet?
 - What sort of events might be possible?
 - How can you persuade more members to become involved?
- Ø Use the national website for advice and suggestions
- Ø Keep an eye on Facebook's 'Keeping in Touch' page
- Ø Circulate the national newsletter

Exciting Project!

The National U3A High St Project is being launched, by Peter Cox, from North London U3A, to track the changes to our High Streets, that are being accelerated by Covid -19. The project is being managed by the Trust's Research Committee. The plan is to produce a landmark report for publication by the Trust in 2022, so helping to raise the U3A's profile in our 40th anniversary year.

The idea is that many U3As will become involved in their own community. The Project will begin with a quick survey to provide a baseline at the beginning of Lockdown in March 2020, against which we'll be able to measure the changes. The timescale is of necessity short because the situation is changing

East Midlands Trustee's Newsletter continued

rapidly. We aim to produce a report for the Board by the end of December 2020 that describes the pre-pandemic state of Britain's shopping locations. In early 2022 we will then be able to construct a final report that looks in depth at the impact of the pandemic, as part of wider research. We would ask participants to choose a small number of shopping streets in their locality. That may mean for example a main street, a local parade, and a small centre, and more information about this will be sent to those who register their interest. Participating U3As will need a team of 5-10 volunteers with a leader who is happy to coordinate the work. Please send the coordinators contact details directly to Peter. Peter Cox coxpetern@gmail.com)

I do hope that many U3As in the East Midlands will enjoy taking part in this interesting and worthwhile project. This should result in a report of real significance, in time for our 40th Anniversary.

Many thanks!

Trust U3A

Early on in lockdown, more than 20 U3As in our region reported that they were closed to new members. Across the country many more said the same and so the Trust made the decision to set up Trust U3A, which already has 200 members, to cope with the demand from people wanting to join. Of course, those people are told about their local U3As and encouraged to join when it is possible, but this online version is proving popular.

I do hope that the situation in those U3As is now much more open and welcoming, even though our general meetings are not possible. Many U3As have done a fantastic job keeping in touch with their members, encouraging and supporting groups to run virtually and producing fascinating and stimulating newsletters, full of news, competitions and puzzles.

East Midlands Conference – 30th October

There is still no decision about whether or not this will be held. It is hard to know what the situation will be by then. The planning group continues to keep the situation under review. Watch this space!

I now have a Regional Support team, made up of experienced Trust volunteers with a great deal of experience of U3A. It is a strange time to be starting to work together, as we have only met together virtually, but the plan is that the team will support the work of the Trustee across the Region, sometimes deputising for me, but also working with others to start up new U3As, support existing U3As and helping with regional events. This team will also enable there to be greater continuity when a new Trustee takes over.

So from me, and them – Many thanks to you all for everything you continue to do.

I can be contacted on: jean.hogg@u3a.org.uk or phone: 0744 322 1688

Jean Hogg East Midlands Trustee



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Groups Contact

History 1

On the 19th May 2014 History group one had a conducted tour of St Mathew's Church, Morley and the Sacheveraell – Bateman mausoleum in the Church grounds. The mausoleum was erected in 1897 by Mrs Anna Bateman, wife of the late Sir Hugh Alleyne Sacheverell – Bateman who died in a riding accident. He is interred in the mausoleum alongside of his sister – in – law, and unusually both coffins can be seen through a glass panel. Anna remarried and is buried in a large vault just outside the mausoleum, as near as she could be to her first husband.



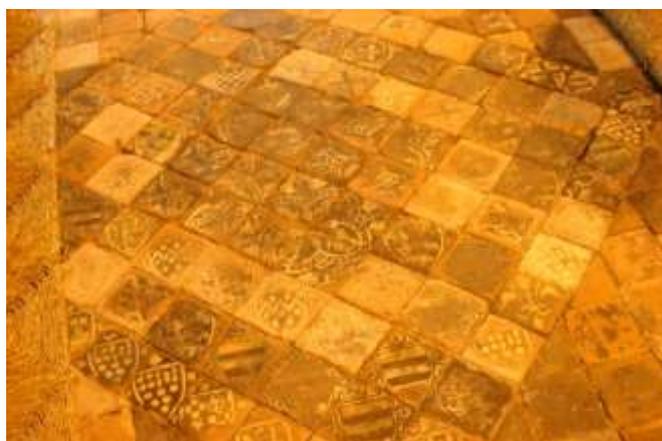
Inside the Mausoleum

Morley Church was built around 1378 and contains many very interesting tombs and brasses. In 1539 when Dale Abbey was dissolved and the Church destroyed, five of the Abbey windows were purchased, as a result Morley church had to be enlarged to take all this painted glass. On the outside of the Church



Windows from Dale Abbey

these windows were protected with heavy wooden shutters. Around the closure of the 18th century these wooden shutters were removed as a result considerable damage was done by the strange custom which arose of visitors and friends of the village to take home a piece of stained glass to show their regard for the Church. An inscription in the present windows, explains. "these windows were brought here by Francis Pole, from the Abbey of Dale, after its destruction in 1539 and restored in the year 1847. Many of the old floor tiles in the North chapel are believed to have been made at Dale Abbey and purchased from the Canon's Kiln, some bearing the Morley arms were obviously made for this Church.



Floor tiles

We finished this very interesting tour in our usual manner by partaking of the cream teas.



Alwyn Holmes

Groups Contact continued

Science for All

Smallpox

Scientists have discovered extinct strains of smallpox in the teeth of Viking skeletons—proving for the first time that the killer disease plagued humanity for at least 1400 years.

Smallpox spread from person to person via infectious droplets, killed around a third of sufferers, and left another third permanently scarred or blind. Around 300 million people died from it in the 20th century alone before it was officially eradicated in 1980 through a global vaccination effort -- the first human disease to be wiped out.

Now an international team of scientists have sequenced the genomes of newly discovered strains of the virus after it was extracted from the teeth of Viking skeletons from sites across northern Europe. The findings have been published in Science today (July 23, 2020).

Scientists discovered new strains of smallpox in the teeth of Viking skeletons and found their genetic structure is different to the modern smallpox virus eradicated in the 20th century.

We already knew Vikings were moving around Europe and beyond, and we now know they had smallpox.

People travelling around the world quickly spread Covid-19 and it is likely Vikings spread smallpox. Just back then, they travelled by ship rather than by plane.



Smallpox was eradicated throughout most of Europe and the United States by the beginning of the 20th century but remained endemic throughout Africa, Asia, and South America.

The World Health Organisation launched an eradication programme in 1967 that included contact tracing and mass communication campaigns -- all public health techniques that countries have been using to control today's coronavirus pandemic. But it was the global roll

out of a vaccine that ultimately enabled scientists to stop smallpox in its tracks.

Historians now believe smallpox may have existed since 10,000 BC but until now there was no scientific proof that the virus was present before the 17th century. It is not known how it first infected humans but, like Covid-19, it is believed to have come from animals.

Helium



You can add helium to the long list of things there's a shortage of. We are running out of helium, and this won't just mean fewer party balloons; helium is

used in several important industries, including medical imaging — our MRIs don't work without it.



Helium is exclusively mined as a by-product of natural gas extraction. Most of the helium that is removed from natural gas is thought to form from radioactive decay of uranium and thorium in granite rocks in the Earth's continental crust.

However, the separation process is expensive and difficult to store — it just goes away, no matter what we do.

In addition to the political and business side of things, there are very good physical reasons why there's a helium shortage.

Helium may be abundant in the universe, but here on Earth, it just floats away. The granite-type rocks that produce it aren't all that abundant in the first place, especially under impermeable rocks that can trap it in place. So the supply side is scarce to begin with, as it requires unusual geological conditions.

There's another problem: worldwide, the number of natural gas fields that are also rich in helium are decreasing — we're not finding any new big ones, and ideally, natural gas consumption would also be phased out in the coming decades.

Groups Contact continued

What is helium used for? If it were just party balloons and funny voices, there wouldn't be that much of a problem to begin with. But things aren't that simple with helium.

Because helium's liquid state is the coldest of any element, it's used in superconducting magnets, such as the ones in MRI scanners. In fact, MRI scanners can't work without helium, although this is an area of active research. The average MRI machine utilizes around 1,700 litres of helium.

It's not just MRIs, either. Crucial pieces of chemistry lab equipment don't work unless they're cooled with liquid helium. Among other things, helium is used to cool and clean out rocket engines, in physics and chemistry research (including the Large Hadron Collider), deep-sea diving, weather forecasting, cryogenics, rocket engineering, and advanced manufacturing such as computer chips and liquid crystal displays. There is no substitute for the gas, and a lack of supply can affect researchers on multiple levels, leading to a loss of research equipment and materials.

The helium shortage is no joke. In fact, given that around 10% of the current supply is used for balloons, David Cole-Hamilton, emeritus professor of chemistry at the University of St Andrews, says its use for balloons is "absurd" and should be banned.

"If you said to people, do you want a helium balloon or an MRI scan for your daughter, it's an obvious choice," he told the BBC.

So if we do run out of helium, it could mean real trouble, particularly considering how widespread medical imaging tools have become.

Biofuels

Biofuels are sources of energy that come from material that was recently living. This energy is derived from the process of photosynthesis where the plant uses the energy from sunlight to allow it to take carbon dioxide gas from the atmosphere and convert it into sugars and into the carbon containing structures within the plant.

These structures can, for instance, be burned to release the energy they contain. Therefore,

burning a biofuel releases carbon dioxide that was trapped only a few years beforehand and so is said to be 'carbon neutral', whereas burning a fossil fuel releases both the energy and carbon dioxide that was trapped millions of year before and can lead to global warming.

Wood and certain types of grass can be used as biofuels.

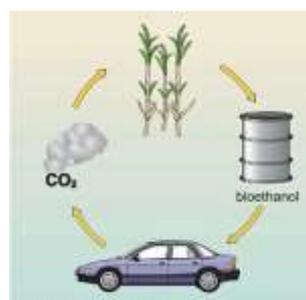


Figure 1 General principle of biofuel production.

Plants that contain large amounts of sugar or oil can be used to produce bioethanol or biodiesel, which are important transport biofuels.

Some biofuels can be produced from waste material, such as recycled plant oils, whilst others can be produced from plants specially grown for the purpose.

Both liquid and gaseous forms of biofuels can be produced from crops that either have a high sugar content, such as sugar cane or sugar beet, or contain starch that can be converted into sugars, such as maize.



Plants containing high levels of plant oils, such as oil palm or soybean, can also be used. Wood and its by-products can be converted into a variety of biofuels.

So is it worth the extra cost to produce biofuels?

When biofuels are grown they take up a certain amount of carbon dioxide from the atmosphere and convert it into stored carbon compounds. When the biofuel is later burnt the carbon in

Groups Contact continued

these compounds is converted back into carbon dioxide which is released back into the atmosphere.

The amount of carbon dioxide released during combustion is the same as that absorbed during plant growth so on the timescale of years, biofuels do not change the amount of carbon dioxide in the atmosphere and so are said to be 'carbon neutral'.

The burning of fossil fuels releases into the atmosphere CO₂ that was taken up by plants millions of years ago so increases the total amount of CO₂ in the atmosphere. It is possible to calculate the number of new trees that would have to be planted to take up the equivalent amount of CO₂ by photosynthesis. Funding the planting of these trees is said to 'offset' the amount of carbon that has been burnt by the use of fossil fuels. For example, when purchasing an airline ticket in 2010, it was possible to offset the carbon cost of the flight by paying for some trees to be planted.

Janet Joy—Science for All

History 2

The Rainbow Portrait of Queen Elizabeth I

Dated between 1600 and 1602 oil on canvas

Dimensions 127 × 99.1 cm (50 × 39 in)

In the collection of the Marquess of Salisbury. On display at Hatfield House.

Notes Inscribed left: NON SINE SOLE/ IRIS. (No rainbow without the sun.)

This 'rainbow portrait' of Elizabeth is riddled with symbols:

- One not so subtle is the eyes and ear embroidered into her dress, probably a symbol that she sees and hears all. Who could doubt that with all the rebellions, plots and conspiracies she had survived?
- Elizabeth is being shown as wise, as her sleeve possesses the most cunning creature, the snake.
- She is also dripping with jewels and fine fabric, depicting her majesty, splendour, and wealth.

- The beautiful crown on her head is a symbol of the monarchy. Her portraits have long since passed the time when they needed to show she was the rightful queen; Elizabeth is the monarch. She is also wearing pearls, a symbol of virginity.
- In her hand she holds a rainbow, a symbol of peace; she possesses peace.
- Another common symbol of monarchy (and indeed life) is the symbol of the sun. Without the sun, there can be no rainbow, and since Elizabeth holds the rainbow, what else can be concluded except that she is the sun (the Latin inscription implies as much) Elizabeth is the sun, and the crown.
- I am not totally convinced that the portrayal of the rainbow in the hand of Elizabeth is acceptable but it may look better in the original painting.

However overall, the purpose of this portrait is clear: to show the power and majesty of Elizabeth.



Janet Joy—History 2

Groups Contact continued

Calligraphy



August by Val Hamson

Val is also a gifted artist. See her artwork on p. 10.



Phonetic Alphabet by Linda McKay

I set this project for the Calligraphy group at the beginning of lockdown. This is my version of it written in various styles using watercolours.

Linda McKay

Crafts

Craft 1 & 2 have managed to have some enjoyable meetings on Victoria Park, catching up with each other. No crafting done on the day as it is not an easy job outside! Hopefully we can continue the meetings on the actual craft days as long as the weather holds. After that, if things haven't changed, it will be scarves, hats and gloves on the bandstand!

Hope to see you all at some point.

Barbara, Deb and Val

French Conversation

Several members of the group have enjoyed "meeting" on zoom in recent months. As well as being able to catch up with a chat, each person has the opportunity to speak French by presenting an article prepared in advance and answering questions in French from other members of the group. The last two meetings, however, have been held in the beautiful garden of Glen and Geoff, where we sat suitably distanced, of course, our French speaking competing with the chattering of the birds in the trees. This gave me the long-awaited chance to see how the two of them have transformed a large lawned garden into something delightful. A winding path leads from the patio, with its many potted plants, into several different areas, like rooms. Each has its own character and purpose, from formal plantings of roses to beds filled with many species of flowers, creating a riot of shapes and colours. There is an intimate little space surrounded by climbing roses and clematis, with seating and a fishpond, and the tinkling sound of a fountain. Fruit and vegetables have their own spaces, as well as in the greenhouse, and apples growing on espaliers. The garden culminates with a large pond, still a work in progress, with the intention to transform it into a wildlife pond.

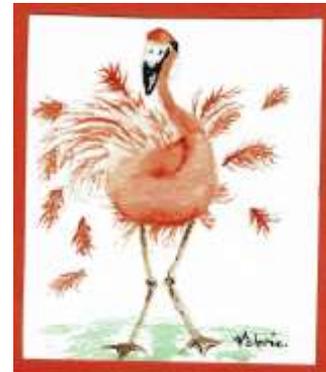
I enjoyed the French but it was also a thrill to see such an amazing garden, created in just a few years. Thanks to Geoff and Glen for a lovely afternoon.

Janis Henshaw

What you wanted to Share

Artwork by Val Hamson

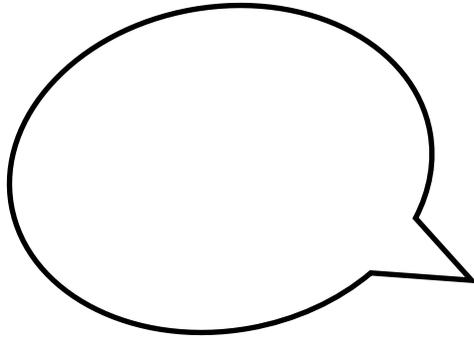
Thank you to Val for sharing a selection of her watercolour pictures with us. As a member of the Calligraphy Group, Val often uses her artist skills to enhance her calligraphy.



What you wanted to share

Captions

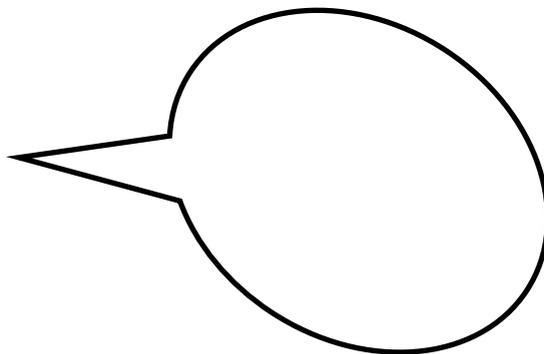
Malcolm Muckle found these two pictures of gargoyles of Notre Dame and wondered what they were saying. What do you think? Send in your suggestions to the address below (no rude ones, please!) and I'll include them in next month's newsletter. See Malcolm's suggestions on p. 13.



Picture 1



Picture 2



More Lockdown Stories to Share

A short Break in Yorkshire

In the past twelve months my husband and I have had to cancel three holidays so it was time to take the plunge and have a break.

As Yorkshire is the county of my birth I am always drawn back to the North York moors and coast. We needed somewhere to stay so I did an internet search looking inland from the coast in the Helmsley area. I came across a pub with rooms, the Royal Oak, in the small village of Gillamore on the edge of the moors. We have never been there before but for a short break it was ideal.



As we have been heading back to North Yorkshire for many years we have places we stop at en route. The York designer outlet is one where we can park easily, stretch our legs, window shop and have something to eat. However this time we had not anticipated the huge queue waiting to go in because of Covid precautions. We joined it for a short while and then gave up and went on our way.



The Royal Oak was Covid prepared. Breakfast had to be ordered the evening before and our designated table was ready for us in the morning at the time we had selected. The evening meals were very good. There was an early saver evening menu and then a more elaborate menu for later diners. The local black pudding was a favourite with diners.

The room was ours for the two night stay. There was no bed making or replenishing of tea and coffee. No one entered the room during our stay. Anything we wanted we just had to ask. It was good to have a proper jug of milk for the tea instead of the fiddly cartons. On our departure we had to leave the windows open, as they were when we arrived.

We visited Sandend a small village just outside Whitby, arriving there in time to get a parking space. Enjoyed a paddle in the sea and a good walk along the beach, which had no problem with overcrowding, before heading inland to the market town of Helmsley for the afternoon.

On our return journey home we stopped off in York for a good wander round, and mistook an NHS designated car park for one we could use. We usually use the park and ride in York as there is no time restriction. We didn't on this visit. Unfortunately we took a wrong turn while walking back to the car park and had to adopt an energetic stride to get there before our time ran out.



We enjoyed the break, especially visiting places that are familiar to us. The Royal Oak was a good place to stay for a short break on the edge of the moors.

Anne Wood

Malcolm's Caption suggestions for the Notre Dame gargoyles

Picture 1: *"Well, I've been locked down and self-isolating for over 700years, and you think you've got problems?!"*

Picture 2: *"Heavens above, that's the fourth Morrisons delivery they've had this week!"*

More suggestions please

Puzzles to stir the grey matter

Anagrams—In the Garden

	Anagram	No. words	Answers
1	ER HUGE NOSE	1	
2	HIND EGG	1	
3	PEEP LATER	2	
4	A BREWER HOWL	1	
5	SEE HIPPO	1	
6	ALL HOSTS	1	
7	DRAINAGE	1	
8	ABLE OIL	1	
9	DARN HEDGES	2	
10	NO DRUM HORDED	1	
11	ASTORIA CHIP	2	
12	CARE	1	
13	RUIN GAME	1	
14	SOOT TEAM	1	
15	SORE	1	
16	TENDER SAGA	2	
17	SEWED	1	
18	HELD MINI UP	1	
19	BLURRY CANE BELTS	2	
20	IN SPONSORING	2	
21	AVAILS	1	
22	OATHS	1	
23	LET ROW	1	
24	REPEATER	2	
25	FAKED PARDONS	3	

Solution on p. 16

Word Search

WORD SEARCH NUMBERS

V	I	F	F	I	T	Y	W	T	W	E	N	T	Y	E	V	T	N	E	V	I	F	T
N	S	T	O	H	T	H	I	R	T	Y	O	N	E	G	W	H	I	G	H	S	E	W
O	I	H	W	U	N	E	X	Y	E	O	N	E	R	O	T	Y	Y	T	X	I	S	E
E	T	I	W	E	R	F	L	F	T	R	T	E	N	E	E	T	H	G	I	E	I	L
N	H	R	I	O	Y	T	L	E	V	R	S	G	E	F	P	N	E	V	E	S	X	V
E	G	T	R	F	E	O	E	L	V	E	I	H	G	T	R	U	Y	T	F	I	F	E
E	I	Y	E	O	N	W	N	E	R	E	W	H	E	G	N	O	R	W	E	E	T	Y
T	E	T	S	R	I	T	E	S	N	W	N	S	T	T	O	E	R	T	N	U	N	O
R	Y	W	E	T	N	Y	E	T	H	R	S	E	W	E	T	H	V	R	I	S	S	O
I	T	O	N	Y	Y	T	T	O	S	I	T	E	E	N	N	N	E	E	N	S	I	T
H	N	O	O	T	T	N	E	E	X	W	N	N	R	E	O	U	R	F	S	T	X	Y
T	E	R	Y	W	E	E	N	W	I	T	U	U	E	E	I	G	H	T	H	E	T	T
R	W	R	T	O	N	W	I	T	Y	E	O	T	H	O	G	R	N	R	O	E	E	R
O	T	E	R	N	I	T	N	O	E	F	F	N	T	Y	W	E	E	T	U	R	E	O
F	H	Z	O	N	N	E	N	W	S	I	W	E	T	E	N	E	E	R	T	T	N	F
X	G	I	F	E	R	E	R	G	F	I	N	E	V	E	S	Y	T	N	E	W	T	S

Word direction



- | | | | |
|----------|------------|-----------|-------------|
| EIGHT | FORTYTWO | SEVENTEEN | THIRTYTWO |
| EIGHTEEN | FOUR | SIX | THREE |
| ELEVEN | FOURTEEN | SIXTEEN | TWELVE |
| FIFTEEN | NINE | SIXTY | TWENTY |
| FIFTY | NINETEEN | TEN | TWENTYEIGHT |
| FIVE | NINETYNINE | THIRTEEN | TWENTYONE |
| FORTY | ONE | THIRTY | TWENTYSEVEN |
| FORTYONE | SEVEN | THIRTYONE | TWENTYTWO |

Solution on p. 17

Word Square

NINE LETTER WORD SQUARE

L	B	A
A	T	R
S	O	S

Normal word square/wheel rules apply.
All words must include the shaded letter.

Can you find the nine letter word ?

There is at least one nine letter and one eight letter word,
Approx 4 x 7 letter words, 14 x 6 letter words,
27 x 5 letter words and 35 x 4 letter words exc names.

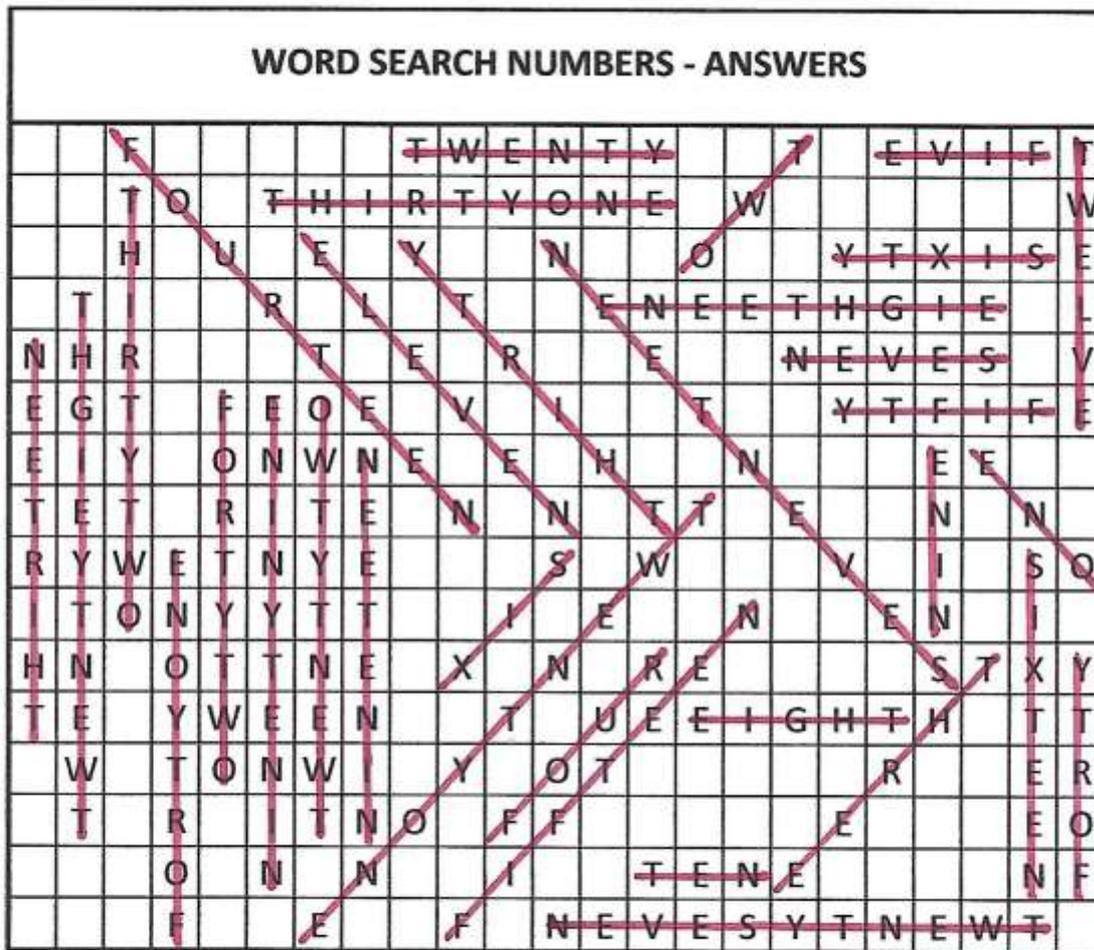
Thanks to Ann Riley for all her hard work in creating the puzzles. We would love to hear if you have enjoyed doing them over the past few months. If anyone would like to have a go at producing a puzzle, I'm sure Ann would be delighted!

Solution on p. 17

Solutions

	Anagram	No. words	Answers
1	ER HUGE NOSE	1	GREENHOUSE
2	HIND EGG	1	HEDGING
3	PEEP LATER	2	APPLE TREE
4	A BREWER HOWL	1	WHEELBARROW
5	SEE HIPPO	1	HOSEPIPE
6	ALL HOSTS	1	SHALLOTS
7	DRAINAGE	1	GARDENIA
8	ABLE OIL	1	LOBELIA
9	DARN HEDGES	2	GARDEN SHED
10	NO DRUM HORDED	1	RHODODENDRUM
11	ASTORIA CHIP	2	PATIO CHAIRS
12	CARE	1	ACER
13	RUIN GAME	1	GERANIUM
14	SOOT TEAM	1	TOMATOES
15	SORE	1	ROSE
16	TENDER SAGA	2	GARDEN SEAT
17	SEWED	1	WEEDS
18	HELD MINI UP	1	DELPHINIUM
19	BLURRY CANE BELTS	2	CANTERBURY BELLS
20	IN SPONSORING	2	SPRING ONIONS
21	AVAILS	1	SALVIA
22	OATHS	1	HOSTA
23	LET ROW	1	TROWEL
24	REPEATER	2	PEAR TREE
25	FAKED PARDONS	3	FORK AND SPADE

Solutions



NINE LETTER WORD SQUARE

Just a sample of the many words made from the
Word Square **ALBATROSS**

9 letter words	albatross
8 letter words	borstals
7 letter words	Ablator, borstal, basalts, rabatos, tarsals
6 letter words	aborts, altars, aortal, aortas, assort, astral, basalt, blasts, bloats, boasts, roasts, sabots, tabors, tarsal.
5 letter words	abort, altar, aitos, aorta, atlas, blast, blats bloat, blots, boast, boats, bolts, brats, lasts, oasts, roast, rotas, sabot, salts, slats, slots, sorts, stabs, stars, tabor, taros, tsars.
4 letter words	alto, arts, bast, bats, blat, blot, boat, bolt, bort, brat, last, lats, lost, lots, oast, oats, rata, rats, rota, roti, rots, salt, slat, slot, sort, sots, stab, star, stoa, stab, tabs, taro, tars, toss, tsar.

E & OE