MENSA INTERNATIONAL

JANUARY, 2021

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MENSA WORLD JOURNAL

Richard Lederer

WHAT'S IN THE MWJ THIS MONTH...

- **How wonderful that 123 applicants from 34 countries around the Mensa world applied for volunteer positions this year! Director of Administration Isabella Holz tells us more, along with a report of the second session of the IBD meeting, on p3.**
- **Everything you need to know about how to plan a holiday as a SIGHT guest is on p2!**
- **The poems of our two runners-up in the MWJ's International Poetry Competition 2020 are on p4 - congratulations Carolyn and Ronald!**
- **On p6, Therese Moodie-Bloom introduces Seraph Lock, a Hong Kong Mensan psychologist, who has joined Médecins Sans Frontières to help aid those suffering from mental stress during the COVID-19 pandemic.**
- **I'm sure most of you have heard of US Mensan Richard Lederer - his member profile is on p7.**
- **The latest scientific research on both a simple skin test to detect Parkinson's Disease (p5), and the link between genetics and mathematical ability (p9) are well worth a read.**
- **Inham Hassen's column explores the 'social brain' (p8), while Supplementally... and Therese's Teasers are on pp10 and 12.**

Happy reading!
Kate Nacard, Editor

Read /download the full-colour MWJ at www.mensa.org

SIGHT GUESTS...

If you are planning to use SIGHT for your next private or business trip, please follow these guidelines:

1. Register as a prospective SIGHT Traveller on the International pages. This way you can provide every other M an accessible link to your personal profile.
2. Inform BOTH the Nat-SIGHT of the country you plan to visit, as well as the Nat-SIGHT of your home country about your trip. Early birds tend to catch more worms - and mattresses!!
3. The Nat.SIGHT.Co of the visited country will connect you with possible hosts; in case there are none, they will regretfully inform you about such a possible negative result.
4. After the connection has been established, it is up to YOU to make your own arrangements with your possible hosts.

Communicate well

Write an incredibly charming and concise email to possible hosts. The mail should give them a good idea about WHO YOU ARE. So please be smart and try to include the following information:

Name | Address | Proof of current Mensa membership | Age group (18-30, 31-50, 50+) | Special requirements (allergies, dietary requirements, etc.) | Occupation Interests | Other persons travelling with you | Whether or not you smoke | Mode of transport (how you are getting there!) | Detailed itinerary, including dates | Links to your profiles on social networks | Any other information you would like if someone were coming to stay with you.

If you can't write such a charming email on your own, you can also provide the information using one of the standard SIGHT Traveller Forms which can be downloaded using the download links at the bottom of https://www.mensa.org/members/sight/guide-visitors. You can either complete the form and then paste it into your e-mail message or send it as an attached Word or PDF file.

Staying with your host

Again, be smart and polite!! Inform your host of any change in your travel arrangements as soon as practical. Do not cancel at the last minute, unless it is an emergency.

Treat your host's home and family with respect and courtesy. Remember, they are putting themselves out to help you.

Some hosts may require payment. You must agree on this beforehand. If your host lets you use his/her home for free, then a gift or a meal in a nice restaurant would be in order.

Most hosts welcome guests for a few days only. Do not outstay your welcome.

We would much appreciate your becoming a SIGHT host or contact yourself, if possible. Contact your

(continued on p11)

Isabella Holz, Director of Administration

FROM THE EXCOMM

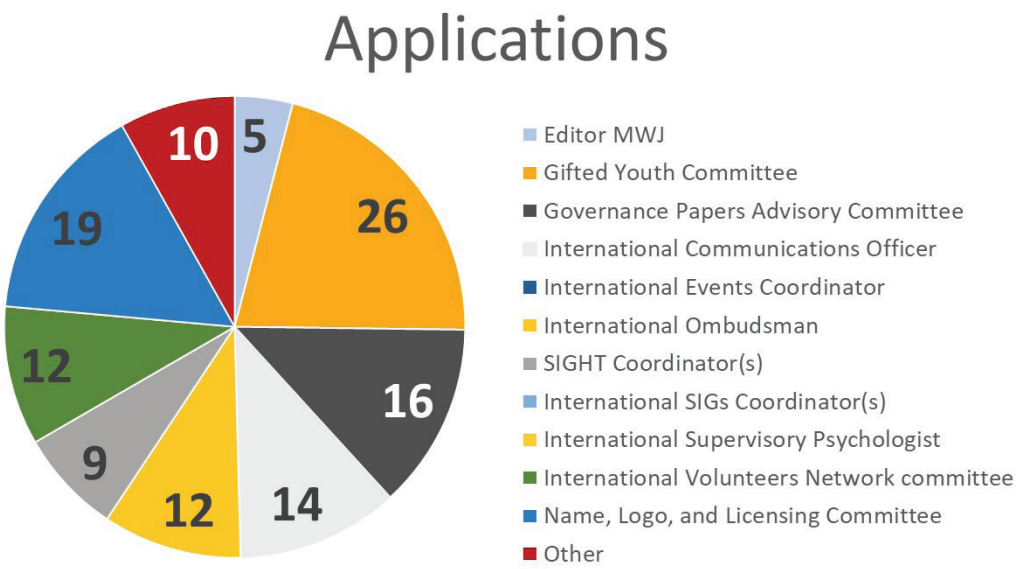
Dear All,
I want to take the opportunity to thank all members interested and involved in volunteering for Mensa International: to all applicants, every appointee and committee member for all their hard work during the last term, which came to an end in October, and to those who have just come aboard, a warm welcome! This year we received a grand total of 123 applications from 34 countries, with the Gifted Youth Committee as most popular position (26 applicants). I was very happy to see applications from all over the world, including some Direct International Members, both familiar and new faces. After carefully evaluating all applications we decided to appoint 42 members from 22 countries - you can find the full list on mensa.org. Like the IBD, these teams now include people from various places, gathering different know-how, insights, viewpoints and ideas from diverse cultures. I am looking forward to supporting their onboarding and development!

To discuss the IBD appointment - the International Ombudsman - the second IBD session started with a confidential *in camera* session, followed by the open session live-streamed to Workplace. If you missed this, you can watch the recordings for both sessions on Workplace (registration required): http://bit.ly/IBDmeeting.

On the second day of the virtual IBD meeting, we also discussed the international member directory. The fact that only National Mensas have the actual member data is quite challenging for such an international service. Privacy and data integrity laws have to be considered when implementing technical solutions. When registering on mensa.org you might have noticed that this integration is not as smooth as it probably could and should be. But we will continue this discussion to improve our database and infrastructure during the next months.

At the meeting also, the IBD decided to establish an International Standards Committee, tasked with monitoring compliance with interna-

(continued on p05)



THE MWJ POETRY COMPETITION 2020

The runners-up in the MWJ International Poetry Competition were Carolyn Coponey (Canada) and Ronald Allan Charles (USA). Congratulations to you both!

The Blue Heron

Still life
standing by water's edge
amid the lush dark grasses, drip of water, shrug of ripples
black earth soft cold clean and living
one blue eye ringed in black
revealing nothing
black pupil staring out at the world at me
wings hugged tight controlled
every obedient feather collectively in place
unruffled calm unwavering plan
nothing will shake it nothing will move it
then - lightning strike - the deadly bill
needles itself into the cold earth at the heron's feet
a pause
then up rides the beak in smooth yellow arc
a bullfrog green and shiny with surprise
mouth agape feet spread wide and reaching
for nothing
pinchered in that deadly bill
with one last darted glance at me
in the shadows
the wings languidly spread
with one heartless swoosh
the heron lifts away

Carolyn Cooney

Send your submissions to mwjeditor@mensa.org *articles - poetry - member achievements*

Determination

Along the beach we'd walk, your hand in mine.
From time to time we'd climb a nearby dune,
and looking back we'd see the crooked line
of prints that we had left. Today no trace
remains of our last walk. The tide will soon
be coming in, and I will leave behind
these memories of you and me. Your face
will slowly blur into a sea of mist,
no more a constant image on my mind.
Forgetting our relationship should best
be done by starting with the way you kissed,
your eyes, your smile, your voice, then all the rest.
And with determination, I can bet
you'll take me just my lifetime to forget.

Ronald Allan Charles

MWJ INTERNATIONAL POETRY COMPETITION 2021

Watch this space for news of the MWJ International Poetry Com - petition for 2021.
The rules will be slightly differ- ent this year, but hopefully we will have more entries than last year!
Pens out; creative thinking caps on!

(continued on p03)

tional requirements for national Mensas. A marketing/PR budget was allocated for our 75th anniversary next year, and Mensa International's overall budget for 2021 and the component rate were approved. We also watched a great presentation about the World Gathering in Houston, Texas from August 24 to 29, 2021.

Based on these decisions all officers and committees are now busy with making and implementing plans for 2021. It was such a pity we could not meet this year; I really hope for an improvement of the COVID-10 situation next year as many of our activities depend on members being able to travel. The German Annual Gathering (scheduled for next April) has just been cancelled, but while writing this text, the virtual HalloWeeM is in full swing with a great programme. We have already seen other great online events - both for work and fun - this year, thus you can expect even more of them in 2021, even if we have difficulties realizing international - or even national - gatherings on site.

Despite the various challenges of the pandemic virtual events provide more opportunities to connect members worldwide in an easy and affordable way. Broadcasting the IBD meeting to members worldwide was a great way to reach a wider audience as not everybody has the time and/or money to travel to an IBD venue. I hope we can continue to broadcast future meetings - not only the virtual but also the physical ones.

To stay up to date, just register on mensa.org to receive our newsletter and join our Workplace community!

Isabella Holz
Director of Administration

EARLIER DETECTION OF PARKINSON'S DISEASE

New research shows a simple skin test can accurately identify Parkinson's disease, demonstrating for the first time the feasibility of the method. Currently diagnosed by clinical signs and symptoms but only definitively diagnosed at autopsy, Parkinson's disease is commonly misdiagnosed early in the disease course, complicating clinical trials of potential treatments.

The study, published in the scientific journal *Movement Disorders*, shows how a chemical assay can detect clumping of the protein alpha-synuclein in skin samples to help diagnose Parkinson's disease (PD). The study's authors said using the assay can lead to earlier detection of PD and better clinical trials.

"Since there's no easy and reliable test available for the early diagnosis of Parkinson's disease at present, we think there will be a lot of interest in the potential use of skin samples for diagnosis," said Anumantha Kanthasamy, Distinguished Professor of Biomedical Sciences at Iowa State and lead author of the study.

The researchers conducted a blinded study of 50 skin samples provided by the Arizona Study of Aging and Neurodegenerative Disorders (AZSAND)/Brain and Body Donation Program based at Banner Sun Health Research Institute. Half of the skin samples came from patients with Parkinson's disease and half came from people without neurologic disease. Using the protein assay correctly diagnosed 24/25 Parkinson's disease patients and only 1/25 controls had the protein clumping. Dr. Charles Adler, M.D., Professor of Neurology at Mayo Clinic Arizona, a co-investigator of the study, notes that "these results indicate tremendously high sensitivity and specificity which is critical for a diagnostic test."

"The clinical diagnostic accuracy for early-stage PD has been quite poor, only around 50-70%. And since clinical trials really need to be done at an early stage to avoid further brain damage, they have been critically hampered because they have been including large percentages of people who may not actually have the disease," said Dr. Thomas Beach, MD, a co-investigator of the study and head of the Civin Laboratory at Banner Sun Health Research Institute. "Improving clinical diagnostic accuracy is, in my view, the very first thing we need to do in order to find new useful treatments for PD."

Kanthasamy's laboratory has spent several years optimizing the assay for detecting misfolded proteins in similar human and animal disorders. Parkinson's disease arises from misfolded alpha-synuclein proteins that accumulate in the brain leading to neuronal damage. Adler and Beach have led research in AZSAND that has found these misfolded alpha-synuclein proteins also collect in other body tissues as well, including the skin.

Neurosciencenews.com 22/10/20

COVID-19 AND YOUR MENTAL HEALTH

by Therese Moodie-Bloom

We all hoped that the COVID-19 epidemic would be behind us when 2020 became 2021. Unfortunately there has been no magic wand yet, and the continuation of the pandemic is taking its toll, not only economically and physically, but upon our mental health as well.

Enter the independent global organisation *Médecins Sans Frontières* (Doctors Without Borders), well known for its medical and humanitarian work. *Médecins Sans Frontières* delivers aid to people affected by war, floods, epidemic, famines etc. They operate in over seventy countries, including Hong Kong, where they began a project last January which focuses on health education for vulnerable people such as those who are less likely to have access to important medical information and vulnerable groups such as the elderly.

Enter, also, Mensan **Seraph Lock**, a musician and psychologist from Hong Kong. Seraph started with piano, and moved onto violin and 'cello before settling on the guitar. Seraph's band has released three CDs, done four international tours, and has performed at international music festivals. Like most musicians, Seraph has been hit hard by travel embargoes and the closure of music venues, but this has given him time to concentrate on his other profession, that of psychologist. Seraph has a double degree in Psychology and Criminology, and went on to complete a Master's in Psychology. So with music on a back burner, Seraph has now joined *Médecins Sans Frontières*' ranks as a psychologist and offers strategies to help vulnerable groups cope with their rapidly-changing COVID world.

As Seraph explains, during the unprecedented lockdowns, isolations, quarantines, and school and social strictures, our mental health is suffering. We are all aware of a lack of control over our lives.

People are stranded overseas, or have relatives stranded away from home; others lack family closeness due to bans on internal travel and visiting. Those with live-in jobs are unable to travel home on their days off. Weddings, funerals, visiting the elderly, holidays - all are on hold indefinitely. School children are missing their peer groups and the regimen of school life; our daily routines have been disrupted.

This lack of control over our own lives, coupled with the uncertainties regarding work and finances in the immediate future, has resulted in extremely high stress levels. These are starting to emerge fully, says Seraph, as the pandemic continues and the financial impact is making itself felt on struggling families. Many of us can weather a few bad months… but eight? Ten? A year or more?

Current conditions engender a sense of helplessness as they are beyond our control, resulting in tension and anxiety. Seraph warns that there is also a risk of driving ourselves too hard due to a sense of unfulfilment. COVID-19 has exposed us to a world of mental stress as well as physical danger. Signs of stress

Seraph Lock

can take many different forms, and vary from person to person. Seraph advises being mindful of your own habits and regimes, and watch for changes. Headaches, trouble sleeping, loss of weight or weight gain, nausea, diarrhoea, and reduced appetite can all be symptoms of stress. If we monitor our sleep, exercise, food intake etc on a daily basis, we will be more aware of changes that may indicate a physical illness or mental stress.

While it is difficult to monitor one's mental health, Seraph suggests asking friends and family to help by pointing out any changes in your behaviour and outlook. And on your own high-energy days, offer support to others in your community.

A special thanks to all our members out there who are helping others to alleviate the effects of this pandemic. Stay safe!

Therese Moodie-Bloom

MEMBER PROFILE by Susan Jensen

Richard Lederer is one of the best known and beloved 50,000 American Mensa members. He's a former president of San Diego Mensa and recipient of multiple National Service Awards. His wife, Simone van Egeren, is the President of Diamond-Award-winning San Diego Mensa and Speaker Chair for the group's RG.

For 30 years, his informative, humorous talks on the English language remain wildly popular events at the American Mensa Annual Gathering. He has been writing his column *Looking at Language* for the American Mensa *Bulletin* for more than a quarter of a century.

Born in an immigrant neighbourhood in Philadelphia, surrounded by people speaking many different languages, Rich became a lover of expressions, puns, and words in general. He graduated from Philadelphia public schools and attended Haverford College (BA in English), Harvard University (M.A.T. in English and Education), and the University of New Hampshire (Ph.D. in Linguistics).

Rich's first book, *Anguished English*, has sold more than a million copies. Since then, he has written more than 50 books about language, history, and humour. He covers a wide range of language topics - from puns to punctuation, pronouns to pronunciation, and palaver to palindromes. His current books are titled *A Treasury of Halloween Humor* and *A Treasury of Christmas Humor.*

In 1990, Rich, a divorced father of three and a popular speaker, was asked to speak at the first New Hampshire Mensa Regional Gathering (RG). Richard had a wonderful time chatting with the Mensa members at the event, people whose brains seemed to run at the same nonstop pace as his own. He espied a beautiful Mensan named Simone, who had come to the RG with a date. A year later, he returned to the same RG to emcee a trivia game called *Second Chance* and got his second chance with Simone, who was again at the RG but this time no longer in a relationship. Five months later, Richard and Simone, who hails from the Netherlands, were married. Richard took the Mensa exam whilst engaged to Simone. He suffered Pre-Mensa Syndrome while waiting anxiously for the results, one of the many useful terms Richard has invented over the years. Richard got in and has been active in his local chapter of Mensa ever since as well as a keynote speaker at numerous Annual Gatherings.

Richard always enjoyed playing games and played many with his children. Two of his three offspring, Howard Lederer and Annie Duke, became highly successful poker professionals. His third child, Katy, became a writer and poet and is frequently published in *The New Yorker* online and the *New York Times*. Rich is now the grandfather of seven.

A committed verbivore (another word the English language needed and Richard invented), Richard still savours the delicious taste of words and continues to share his enthusiasm in his books and performances. During the pandemic, he has zoomed his shows to a dozen Mensa chapters.

Susan Jensen

Looking to Expand Your Social Network? Summon Your Social Brain...

by Inham Hassen

Unlike other vertebrates, primates have unusually large brain sizes compared to the size of their body. Historically, it was assumed that the evolution of large brains was driven by the demands for survival. In the 1990s, however, researchers presented a theory to challenge this belief.

They claimed that evolution of the brains of primates to their current sizes, is due to the unusually complex social systems led by them. This theory, which is now known as the social brain hypothesis, has been stressed through a quantitative relationship between social group sizes and the measure of brain sizes.

The function of the social brain could be as simple as the ability to understand and partake in jokes or have a good social conversation with one's friends and acquaintances. Though this has been only a hypothesis, there is a consensus among many scientists about the existence of the *social brain*. This is also corroborated by evidence presented through neuroimaging and lesion studies. These studies have identified a network of brain regions, rather than a standalone part of the brain, that function as the "social brain". Within this network, each region likely contributes to a specific type of social processing. The right temporo-parietal junction, for instance, is important for thinking about another person's mental state, whereas the amygdala is important for the interpretation of emotional facial expressions and fear-processing. Scientists have also concluded that damage to these brain regions can have striking effects on social behaviours.

In 2011, an intermural team of scholars from the United States carried out research to ascertain whether a correlation exists between an individual's brain size and the complexity of the same person's social network. The result was stunning! The team discovered that the size and the complexity of the amygdala volume positively correlated with the size and the complexity of social networks in humans across a large age group.

Subsequently, further studies have established that the amygdala is in fact, the hub of the social brain. This was not only demonstrated in humans but in non-human primates as well.

In September 2020, a team of researchers from Russia published a paper in the *Frontiers in Human Neuroscience* journal, on how the social brain functions during group problem-solving tasks. In this study which constituted 24 teams of 3 individuals, the participants were required to solve a Raven-like matrix - a nonverbal test that most Mensans are familiar with - in small groups as well as individually.

The researchers concluded that when solving problems as a group, the social brain is co-activated, but without synchronization. In other words, the network of components identified as the social brain of an individual becomes activated but does not form a holistic jointly-working system, but rather keeps adjusting itself on the interaction between the brain's basic networks.

The social brain is yet another intriguing area of human (as well as other primates') brains. Though this was originally a hypothesis, many studies have not only proven its existence but have gradually unravelled how the social brain functions. As time progresses, we may see more fascinating discoveries about the social brain.

Inham Hassen

Genetic Variation & Mathematical Ability

DNA variation in a gene called ROBO1 is associated with early anatomical differences in a brain region that plays a key role in quantity representation, potentially explaining how genetic variability might shape mathematical performance in children, according to a study published October 22nd in the open-access journal PLOS Biology by Michael Skeide of the Max Planck Institute for Human Cognitive and Brain Sciences, and colleagues.

Specifically, the authors found that genetic variants of ROBO1 in young children are associated with grey matter volume in the right parietal cortex, which in turn predicts mathematical test scores in second grade.

Mathematical ability is known to be heritable and related to several genes that play a role for brain development. But it has not been clear how math-related genes might sculpt the developing human brain. As a result, it is an open question how genetic variation could give rise to differences in mathematical ability. To address this gap in knowledge, Skeide and his collaborators combined genotyping with brain imaging in unschooled children without mathematical training.

The authors analyzed 18 single nucleotide polymorphisms (SNPs) - genetic variants affecting a single DNA building block - in 10 genes previously implicated in mathematical performance. They then examined the relationship between these variants and the volume of grey matter (which mainly consists of nerve cell bodies), across the whole brain in a total of 178 three- to six-year-old children who underwent magnetic resonance imaging. Finally, they identified brain regions whose grey matter volumes could predict math test scores in second grade.

They found that variants in ROBO1, a gene that regulates prenatal growth of the outermost layer of neural tissue in the brain, are associated with the grey matter volume in the right parietal cortex, a key brain region for quantity representation. Moreover, grey matter volume within these regions predicted the children's math test scores at seven to nine years of age. According to the authors, the results suggest that genetic variability might shape mathematical ability by influencing the early development of the brain's basic quantity processing system.

Neurosciencenews.com 22/10/2020

Coronavirus survives on skin five times longer than 'flu virus does...

The coronavirus remains active on human skin for nine hours, Japanese researchers have found, in a discovery they said showed the need for frequent hand washing to combat the COVID-19 pandemic.

The pathogen that causes the flu survives on human skin for about 1.8 hours by comparison, said the study published this month in the Clinical Infectious Diseases journal.

"The nine-hour survival of SARS-CoV-2 (the virus strain that causes COVID-19) on human skin may increase the risk of contact transmission in comparison with IAV (influenza A virus), thus accelerating the pandemic," it said.

The research team tested skin collected from autopsy specimens, about one day after death.

Both the coronavirus and the flu virus are inactivated within 15 seconds by applying ethanol, which is used in hand sanitisers.

"The longer survival of SARS-CoV-2 on the skin increases contact-transmission risk; however, hand hygiene can reduce this risk," the study said.

The study backs World Health Organization guidance for regular and thorough hand washing to limit transmission of the virus, which has infected nearly 40 million people around the world since it first emerged in China late last year.

medicalxpress.com/news/2020-10

supplementally...

by john blinke

Breathe Deeply

New Scientist, September 26, 2020. "Air Pollution In China May Have Caused Millions of Deaths Since 2000." No matter how bad the air is in your neighbourhood, people in China have it worse. China has suffered over 30 million air pollution-related deaths in the last 20 years. Scientists from Emory University in Atlanta, Georgia, showed how bad Asian air is by using data from NASA satellites to estimate the level of PM2.5 particles in Chinese cities. They found a nearly linear relationship between the level of PM2.5 and non-accidental deaths — except that the most disadvantaged areas suffered even more.

In the Clouds

Science News, October 10, 2020. "Possible Sign of Life is Found on Venus."

On Earth, phosphine gas (PH3) comes from two sources: laboratories, and microbes. There are no chemical labs on Venus, but there might be something like bacteria living in the clouds. Cardiff scientists have been careful to say they have not necessarily found living things, but they have run out of ideas for non-biological ways to make the chemical. They don't know how or why microbes would make phosphine on Venus — or why they do it on Earth! There has not been a lot of research on that topic. The ground level environment on Venus is very hostile with temperatures that could melt lead and atmospheric pressure like the deep sea on Earth. But high up in the clouds, the temperature is a comfortable 80F at half a bar of pressure. Although the atmosphere is mostly carbon dioxide and the clouds are strong sulphuric acid, it would be a good place to send an acid-proof research balloon to search for microbial life.

Rubber Trees

C&EN. September 11, 2020. "Chemistry in Pictures: Elastic Wood." Contributed by Tom Ott.

You've heard of rubber trees, but this is something different. A radical chemical process can turn balsa wood into a rubbery material like a 'super ball.' By boiling the wood in sodium hydroxide and sodium sulphite for several hours, scientists at University of Maryland turn it into a bouncy material that still looks like wood. At the micro level, the cell walls are thinner than normal after the process. Frayed cellulose fibrils turn into a water-retaining gel. There are no proposed commercial uses, but it is really cool!

Power Windows

New Scientist, September 12, 2020, p. 15. "Nanoparticles Turn Windows into See-through Solar Panels." Windows let light into our homes, but they also admit the cold of winter and the heat of the sun. Scientists from materials manufacturing company, UbiQD, have developed a way to make windows generate a little bit of electricity. The experimental panes contain a layer of quantum dots sandwiched between panes of glass. The dots emit visible light when they receive ultraviolet radiation from the sun. Then they conduct the light to solar cells mounted around the edge of the window. This generates power with about 3.5% efficiency, which is less than the 20% achievable with opaque solar panels, but way more than nothing. Some of the metre-square windows are being tested in the U.S. and in the Netherlands.

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PET Eater

ScienceDaily, September 28, 2020. "Plastic-Eating Enzyme 'Cocktail' Heralds New Hope For Plastic Waste." (Proceedings of the National Academy of Sciences.)

PET plastic (polyethylene terephthalate) is very useful for making disposable food containers. But it accumulates in the environment, taking hundreds of years to break down. Scientists at Portsmouth University isolated enzymes that can digest PET in days. Then, by linking two enzymes, they reduced the time to hours. That is still not fast enough for commercial use, so they continue to tweak their enzymes and look for better ones in nature.

The Mensa World Journal

is your magazine and it would be wonderful if you were to share your thoughts with the rest of the Mensa world. By and large, most of the articles are written by Mensans - for Mensans - and the opportunity is there for you to be one of these authors.

Topics can cover reports of Mensa events you've attended, your achievements, unusual hobbies and interests, or your successes.

Please limit your article length to 600 words and send it to the Editor, Kate Nacard: **mwjeditor@mensa.org**. Please also include your National Mensa and your membership number.

(from p02)

Nat.SIGHT.Co for more details.

The Coordinator who made the arrangements for you would very much appreciate feedback on your experiences. Please make time after your trip to let them know how it went.

As your host is very likely to be busy or working during the day, make your own arrangements for visiting tourist attractions etc, unless your host has specifically offered to accompany you.

Enjoy your trip!

https://www.mensa.org/members/sight/guide-visitors

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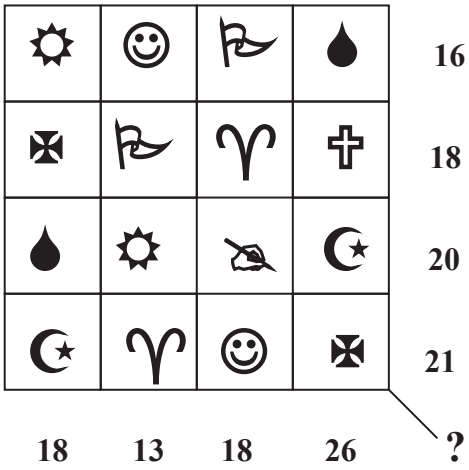
THERESE'S TEASERS

Cryptosum

Each symbol represents a different digit from 1 to 9. The sum of the digits in each row and column is shown. Find the sum of the numbers along the diagonal line from the top left-hand corner.



Cairn

The number on each stone represents the difference between the numbers in the two stones on which it sits. There is a two-digit number in each of the bottom stones, using all the digits 0-9 once each.

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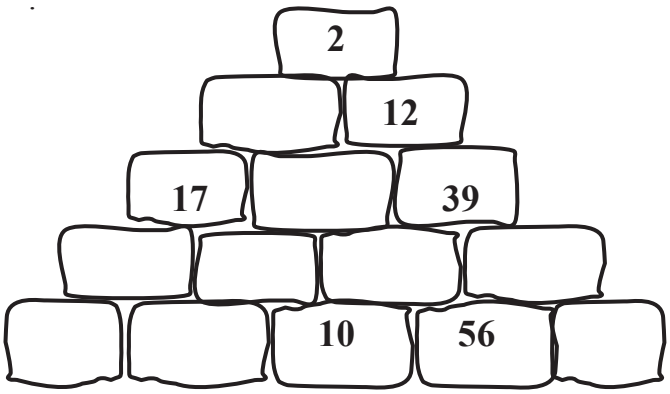

Rebus

Decipher the rebus to find a calendar event:

R A Y E

Wordplay

For each pair, find a meaning for the first which can have one letter doubled to make a synonym for the second

a) Start / Sticky stuff
b) Friend / Cloud
c) Assessed / Betrayed
d) Foreign coin / Noticed
e) Looked hard / was main character

Anagram Riddle

Seven letters have I, you can change them around
To make words that vary by more than a sound.

- *Primary ones come from the horses' mouths*
- *Horses for these, both norths and souths*
- *Horses like me, but not by the pound!*

Now that you've solved me, what words have you found?

Answers

Cryptosum: *14(1 + 3 + 6 + 4* ***Cairn:*** *27 83 10 56 49*
Rebus: *New Year* ***Wordplay****: a) Go/Goo b) Pal/Pall c) Rated/ratted d) Sen/seen e) Stared/starred* ***Anagram Riddle:*** *Sources Courses Sucrose*