

MENSA WORLD JOURNAL



Dr Hector Rosario guiding 35 gifted children at the Mensa Youth meeting in KL. More on p05.

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from the editor...



*Hello, All,
Congratulations and welcome to Jacek Cywinski, our new International Treasurer! We hear from Peter Fröhler, Mensa Germany's representative on the Executive Committee on p03, and on p05, Alan D Thompson brings us a report on the inaugural gifted youth event in Kuala Lumpur last October.*

Thank you members Jeffery Alan Ford and Inham Hassen for your contributions on pp07 and 08 and to our International SIGHT Coordinators for their input on p06.

Please consider submitting your original poem in the MWJ's Poetry Competition 2020 (see details on p04). I'm looking forward to receiving a myriad entries!

Many thanks to our 'regulars': John Blinke and Therese Moodie-Bloom, and of course, a big thank you to all of you who have sent messages of thanks (and so far, no negative messages!) over the last two years!

*Happy reading!
Kate*

from the excomm

2019 Extraordinary Election of international Treasurer

In November, an extraordinary election was held to fill the vacancy of International Treasurer, following the removal of the previous treasurer by the International Board of Directors (IBD) during its meeting in Kuala Lumpur in October.

According to the Constitution of Mensa, paragraph IV.D.9, it is the IBD who shall fill any such vacancy. For that reason, a vote was held among all IBD members, after a period where candidates could be nominated by IBD members.

Four candidates were nominated: Jacek Cywinski (New Zealand), Bruno Casaes Teixeira (Brazil), Aleks Harmokivi (Finland) and Claude Deunette (France).

Total votes available: 78
Votes cast: 64
Did not vote: 14

First preference votes:
Cywinski - 39
Teixeira - 3
Harmokivi - 18
Deunette - 4

Jacek Cywinski was declared elected, and assumed office on 2019-11-25. His term of office will end on the same date as the other elected officers, 2021-06-30.

We want to thank all candidates for volunteering, and we congratulate our new treasurer Jacek and look forward to working with him!

Björn Liljeqvist, on behalf of ExComm

Sailing into Space

LightSail2 is a citizen-funded solar sail project of the non-profit *Planetary Society* and has been named one of Time Magazine's top 100 inventions of 2019. It launched to an orbital height of 720 kilometres in June, 2019 on a Falcon Heavy rocket to demonstrate controlled flight using solar power exclusively. Since the launch, it has raised its orbit by 7.2 kilometres, showing that solar sails can provide cheap propulsion

for CubeSats. This is not the classic parachute-shaped sail that we often see in science fiction. LightSail2 is a thin, flat square of shiny mylar pulled tight by four telescoping struts. A CubeSat sits in the centre with its batteries, electronics, and cameras. The sail is expected to stay in orbit for about a year before burning up in the atmosphere. It flew as an add-on to another mission, so they couldn't be choosy about its orbit.

LightSail2 cost 7 million dollars

(continued on p11)

from the excomm

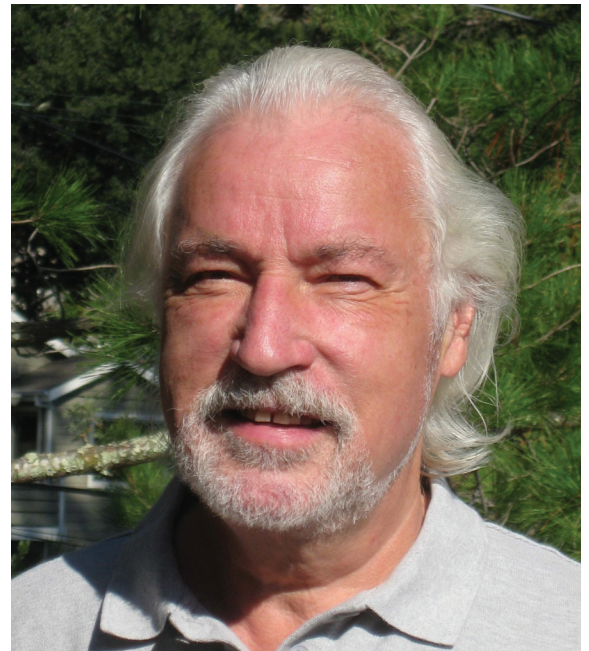
As a brief introduction, when I joined Mensa Germany 10 years ago I had already retired from my job at the United Nations in Geneva, Switzerland. I had a residence in neighbouring France and another one in Hamburg, Germany, and I was also travelling a lot which meant that I could not meaningfully take on a volunteer position such as LocSec or test proctor in my national Mensa as I was not in Germany for 8 out of every 12 months. Consequently, I became engaged at the international level.

I started as a member of the International Election Committee (IEC) 2010-2011, then became member/co-chair of the Marketing and Product Advisory Committee (MPAC) 2011-2012, chair of the International Election Committee (IEC) 2012-2013, member of the Web Board 2013-2014, chair of the Web Board 2014-2017, member of the E-Voting Committee 2015 and member of the Mensa China Election Committee 2016. That same year I was appointed coordinator for international issues at Mensa Germany and I still hold that position. Since 2017, I have also been the IBD delegate for Mensa Germany, and since December 2018 member of ExComm as proxy for the chair of Mensa Germany.

Now let us turn to you, or to be specific, what we at ExComm can do for you. The International Board of Directors (IBD) met last October in

Malaysia and discussed and voted on 35 motions, heard and commented on 19 presentations and deliberated on two discussion topics. All of this was with the aim of keeping our various rules and regulations up to date and to ensure that all Mensa associations - from emerging to provisional to full national Mensas - may continue to develop in an optimal manner. It is always a challenge to deal with such a rich agenda within the two-and-a-half days that are available for this meeting, but thanks to efficient preparation and effective management of the meeting we succeeded in getting all the work done by midday on Sunday.

The annual IBD meeting is only one of several international events open to Mensans worldwide. Since 2008 there has been the European Mensa Annual Gathering (EMAG) that will take place this year in Brno, Czech Republic from 29 July to 2 August. A few years later the first Asian Mensa Gathering (AMG) was organized. This year it will take place in Suwon, South Korea from 29 to 31 May. A new event, the Gathering of Latin American Mensas (GLAM) will be held for the first time in Foz de Iguacu, Argentina from 4 to 6 September and the next IBD will take place in Montenegro from 8 to 11 October. International Mensans are



also welcome to visit national annual meetings and there are a number of other social Mensa events open to visitors, such as an annual year-end meeting called Sylvensa that takes place in different European locations or a ski weekend that is regularly organized by Mensa Slovenia.

For me, it is always a great pleasure to meet with Mensans from other countries and continents, be it old friends or new acquaintances. These meetings offer plenty of opportunities to learn from each other and to discuss best practices. While what works in one place may not necessarily be an appropriate solution for a problem elsewhere, often some adaptation to local culture and reality will do the trick.

I strongly encourage all Mensans to look beyond your own local community and to take an active interest in international events. I am convinced that you will not regret it.

Floreat Mensa!
Peter Fröhler

MWJ Poetry Competition

The *Mensa World Journal* is proud to announce its 2020 Poetry Competition for members worldwide.

Members are invited to submit their original poems to the editor, mwjeditor@mensa.org, by August 1, 2020.

Poems are to be previously unpublished and no longer than 30 lines in length. There are no limitations on the theme/topic.

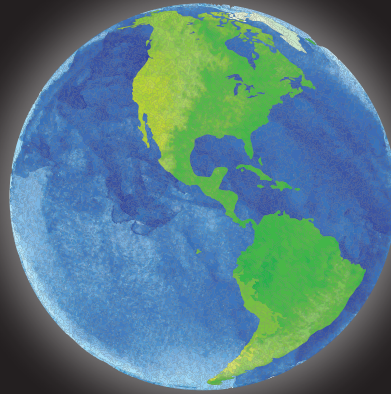
All entries must be in English and following the judges' decision, no correspondence will be entered into.

By submitting an entry into the competition, members understand that their poem may be published in the *Mensa World Journal* or in any other National Mensa journal at the editors' discretion. The author will, of course, be acknowledged.

Please include your National Mensa and membership number with your entry.

Kate Nacard, Editor.

INTELLECTUAL BENEFITS TO SOCIETY AWARD



You've already changed the world.

TIME TO BE RECOGNIZED.

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Nominations due by March 1.
Apply at mensafoundation.org/intellectualbenefits



**Log into the International website at
www.mensa.org
for the calendar of national events**

Inaugural Mensa International Youth Festival 2019

The Mensa International Gifted Youth Committee (MIGYC) is a special group designed to advise Mensa International on activities that involve members under the age of 18 years.

The committee has been sharing insights and learning between nations for the last few years. The committee meets monthly via video call, with input currently pro-

vided by Mensa leaders in Belgium, Mexico, the Philippines, Germany, USA, Korea, and Australia.

In 2019, the committee agreed to design and deliver a program specifically targeting gifted youth (from 7 to 15 years old) at a separate venue as part of the Mensa International Board of Directors (IBD) meeting in Kuala Lumpur, Malaysia. While the main audience was Mensa children of adult IBD participants, gifted children from around Asia were invited to participate.

We were delighted to have the curriculum generously provided by American Mensa member Dr Hector

Rosario, on behalf of the Julia Robinson Mathematics Festival: jrmf.org
Alongside Hector, Dr Chris Yoon

Korea, Singapore, and Australia. The response was overwhelmingly positive, with many families noting that



Some of the international attendees at the 2019 MIGYC youth festival in KL

attended from Mensa Korea, bringing both expertise and additional volunteers.

Malaysian Mensa Society chairman Kee Aun was incredibly accommodating, assisting the committee in securing a venue and volunteers for the two-day program. The event was held at the KDU Damansara Jaya Campus, a renowned university institution in KL, generously donated with support from Professor Pang Leang Hiew (Vice Chancellor), and Dr Goh Chee Leong.

About 35 children attended, from countries including Malaysia, South

their children had “finally found like minds!”

This event did not receive funding from Mensa International or any national Mensa, and was paid for by committee members out of their own personal savings. Given the success of the festival, the committee will request international funding for a copy of this youth festival planned for the 2021 IBD.

Queries about the MIGYC can be addressed to the chair:

alan@LifeArchitect.com.au

Alan D Thompson

Expectations of a National SIGHT Coordinator

To all National SIGHT Coordinators, we extend a huge thank you! To make SIGHT as comprehensive and easy for members to participate in as possible, we, the International SIGHT Coordinators (IntSIGHTs), would much appreciate it if the national SIGHT coordinators would do the following:

a) Please ensure there is a national email address for SIGHT communication. In most National Mensas this is an email address such as **sight@mensa.country**. We prefer this so that the email address stays the same, even when the SIGHT Coordinator changes. Previous experience has shown this to be the most expedient way for members to contact national Coordinators.

b) Make sure your country is also mentioned on **www.mensa.org/sight** and the email address and name of the SIGHT coordinator(s) is on your country's page. If this is not the case, please send us an email at **sight@mensa.org** stating which details need to be corrected.

c) Please make sure email sent to your SIGHT address is checked frequently - especially after changes of boards and/or roles of people within the national Mensa - and a response to a request from a traveller is sent

within a reasonable time. This will ensure that members know their email has reached a human! A reply within a few days of "your email has been received and I'll get back to you soon" would be nice.

d) For members from your own national Mensa you are the gateway to other SIGHT coordinators, the path to finding the SIGHT map and also the one who can declare the member is in good standing and a current member. After seeking contact with the country's (or area's) SIGHT coordinator and bringing them in contact with each other, most of your task on this has been done. Afterwards, checking if all went well and/or some lessons have been learned, could be wise.

e) For members of other Mensas you hopefully can provide some services. Travelling members in lots of cases would like some information about your country or area, perhaps know which Mensa activities are held during their stay, and if they would be welcome there. Also if they can join in a practical sense (a presentation-meeting in a language they do not know could cause problems) and who to contact.

The travelling member might want to meet some members for just a coffee, chat and/or a meal

in a restaurant. Or they might be looking for a place to stay with a member who can offer a bed. It can be very handy to already have a list of members who are willing to be a host and who offer a bed to travelling members.

e) To assist and inspire members to use SIGHT, we would like to have as many locations of SIGHT hosts on the SIGHT map as possible. For Coordinators with a large number of hosts, we can make access to the map database possible. For a smaller number (<30) we can also do it for you, if you provide the following information:

| location (city; or in big cities, a marker could be placed near the actual location);

| the means to contact someone, either the national SIGHT email address, or the host if they do not mind their details being on the map too;

| some details of what they offer: information, or coffee, or meal(s), or also a bed - or any combination, and,

| Any other details they'd like to provide such as restrictions, maximum number of people, mobility limitations, etc.

Many thanks again!

Henkhenk and TeeKay
sight@mensa.org

never compromise your genius for the comfort of others

by Jeffery Alan Ford

Jeffery Alan Ford is a member of American Mensa, TED speaker, author, and the 2016 World Genius Directory's Genius of the Year for America.

Have you ever found yourself in an uncomfortable or outright tempestuous situation at school, work or social occasion where even the slightest expression of your superior intellect was met with palpable disapproval by those in your midst?

I suspect that we all have experienced this form of anti-intellectual bias that is meant to silence and belittle us during various periods of our lives.

Far too much of my youth and adulthood was spent trying to assuage the fragile egos of those who were never going to accept me to begin with. I can easily forgive others for finding my Asperger's Syndrome induced social awkwardness and my over-the-top personality off-putting. But what I find much more difficult to forgive is how people can actually look down upon someone simply because that person is either more intelligent, or knows far more about a particular topic than they do.

People who try to belittle others in this particular manner are acting solely out of their own insecurities and fear. These individuals don't deserve our scorn – they deserve our pity because they have absolutely no

idea how much personal growth they will never actualize due to their failing to comprehend the inherent worth of those they choose to ostracize from their midst.

We should all seek out and relish the opportunity to surround ourselves with people who possess superior knowledge in a wide array of subjects that we find interesting. We already know everything that we know – so let's exponentially expand our minds by gaining key insights from the wisdom of others.

It's also imperative that we cultivate within ourselves a true appreciation for our own intelligence, knowledge and unique gifts so that we can then fully utilize these same abilities to best serve others.

As a young child with Asperger's Syndrome, I never could have dreamed that one day I'd freely open myself up to the world and become a public speaker and an author who has powerfully touched the lives of millions of people.

That's my story, and a similar story could be yours if you will simply



choose to embrace your many differences that make you special, and then seek out ways to amplify your voice and vision for the betterment of our world.

Will everybody embrace your potentially life-changing message? Of course not! But to the great chagrin of your critics, your uniquely powerful message will be transforming our entire world for the better and therefore (whether they like it or not), their lives as well.

That alone will make you a profoundly important person in everybody's life!

J. A. Ford

Do Smart People Learn Music Faster? by Inham Hassen

Alexander Borodin was a trailblazing nineteenth century chemist. Borodin discovered an important reaction in organic chemistry – known as the Aldol reaction. Outside of academic circles, he is well known today for his opera – *Prince Igor*. Albert Einstein, who needs no introduction, was known to have a love affair with Lina – his cherished violin. The glass harmonica is one of Benjamin Franklin’s dozens of inventions. Among our contemporaries, names like Brian Cox, Neil deGrasse Tyson, Greg Gaffin and Pardis Sabeti, may be familiar to those who are obsessed with rock music. However, all of them are also scientists who are continuously working on changing the world, with Professor Sabeti, having her own namesake lab in Harvard.

This brings us to an important question – do intelligent people find it easy to learn music? Or is this notion simply a hasty generalization based on a few specific cases? Researchers at the Department of Psychology at the Michigan State University have found an answer to this. And the answer is affirmative. Alexander P. Burgoyne, Lauren Julius Harris and David Z. Hambrick embarked on a quest to understand whether general intelligence has a role in acquiring musical skills.

171 undergraduates, with little or no experience in playing the piano, were recruited for this study. Using a video guide, the participants were required to learn how to play “Happy Birthday” on the piano. Following

practice with the guide, they were asked to perform the musical piece in front of a panel of musicians, who evaluated the performance for melodic and rhythmic accuracy.

There were prominent differences in the way students acquired the skills of learning to play the piano. Some participants learned to play the tune within a few minutes, while others played badly at the beginning, but improved significantly, after practice. On the other hand, some participants either lost their motivation or never figured out how to play the tune and performed poorly throughout the study.

The participants of this study were also required to participate in tests for working memory capacity, fluid and crystallized intelligence (using Raven’s Matrices, Letter Sets, Reading Span, Symmetry Span, Pattern Comparison, Letter/Number Comparison, Synonyms, Antonyms), processing speed, and two tests of music aptitude.

On assessing the results for general intelligence, music aptitude and mindset, Burgoyne, Harris and Hambrick found that general intelligence and music aptitude correlated significantly with the acquisition of musical skills while mindset did not. With a statistical significance (beta)



level of 0.44 and a probability of null hypothesis being correct (p-value) less than 0.001, general intelligence was singled out as the most significant factor among the three, for acquiring musical skills. Although musical aptitude had a correlation with the acquisition of piano-playing skills, the beta level was 0.08 and the p-value was 0.39, which is relatively insignificant.

On the other hand, mindset factor had a negative beta level (-0.04) and a high p-value (0.50), which meant that mindset was not a contributing factor at all.

The researchers also found that openness to experience did not significantly predict skill acquisition or music aptitude. Overall, the research suggested that smart people may learn music faster, at least at beginner’s level.

Source: Burgoyne, A.P., Harris, L.J. and Hambrick, D.Z. (2019) Predicting piano skill acquisition in beginners: The role of general intelligence, music aptitude, and mindset. Intelligence, 76: 101383. doi:10.1016/j.intell.2019.101383.

Photo: Steve Buissonne from Pixabay

Inham Hassen

words...

by kate nacard

Many of you will have heard of - or met - American Mensa's **Richard Lederer**, wordsmith extraordinaire! World-renowned Richard is the author of over fifty published titles and the holder of many international lexicographical awards. With a PhD in Linguistics (University of New Hampshire, USA), Richard's book *Amazing Words* (languishing and well-thumbed in my bookshelf) certainly reflects its author's expertise!

The word *mother* - and also *mum*, *mummy*, *mama* and *mom* - we see, starts with the letter 'm', but here's an interesting observation: the word for mother in a considerable number of other languages also starts with the letter 'm'! In Latin, *mater*; in French *mere*; *madre* (Spanish); *mutter* (German); *mam* (Welsh); *mat* (Russian); *ma* (Mandarin); *me* (Vietnamese); *mama* (Swahili); *makuahine* (Hawaiian), and *masake* (Crow Indian). Lederer muses that the pervasive 'm' sound could be mimicking the pursing of the lips of a suckling baby.

I found more contronyms (a word that has two opposite meanings) than I knew existed including *fast* (firmly held in one place but also moving rapidly); *hold up* (support, hinder); *cleave* (separate, adhere firmly); *sanction* (approve, censure), and *oversight* (careful supervision, neglect).



Ever heard of a Pangram? This is a sentence that contains every letter of the alphabet at least once. I'd heard of *the quick brown fox jumps over the lazy dog* (33 letters) - as every olden-day typist also knew - but here are a few more: *Pack my box with five dozen liquor jugs* (32 letters); *How quickly daft jumping zebras vex* (30); *Waltz, nymph, for quick jigs vex Bud* (28), and *Bawds jog, flick quartz, vex nymph* (27).

And speaking of the typewriter, since the top row of letters - qwertyuiop - contains five vowels, seven ten-letter words can be found using just these keys: *pepperroot*, *pepperwort*, *peppertree*, *perpetuity*, *proprietor*, *repertoire* - and (wait for it) **typewriter!**

Lederer is a great punster and came up with a bunch of words that sound as though they start with a first name: the Irish botanist - *Phil O'Dendron* (philodendron); the Irish theatre owner - *Nick O'Lodeon* (Nickelodeon); the Irish tobacco maker - *Nick O'Teen* (nicotine)... I'm sure you get the picture... and a couple more: *Mel O'Drama* and *Rick O'Shay*.

I was delighted to see my old friend Tom Swifty included in *Amazing Words*. I've spent many evenings with friends, all of us trying to outdo the others with the best Tom Swifty we could come up with. I remember mine was "Oh, I've finished my drink," said Tom dispiritedly, while someone else's was "Hey, I've just got married!" said Tom with abandon.

The Tom Swifty evolved from a series of books featuring Tom Swift, a hero-adventurer and inventor created for young readers by Edward Stratemeyer in 2010. The author made a point of adding adverbs usually ending with 'ly' to make the actions more interesting or exciting, which later gave rise to the adverb matching the sentence in a 'punny' way. Lederer includes some of his favourites: "My pants are wrinkled," said Tom ironically; "My favourite statue is the Venus de Milo," said Tom disarmingly; "What I do best on camping trips is sleep," said Tom intently, and "I lost my flower," said Tom lackadaisically.

Amazing Words is well worth a read!

KN

supplementally...

by john blinke

Deep

New Scientist, May 11, 2019, pp. 42-45. "Earth's Deep Dark Secret."

Life is tough. Single celled organisms persist, not only on the surface of the Earth, but in the sea, below the sea, and deep below dry land. There must be a limit to how deep in the Earth microbes can survive. But nobody has found it yet. A methane-producing archaea named *Geogemma barossii* can live happily at 121C near a hydrothermal vent. Microbes have also been found in a 5 kilometre deep bore hole on land and in cores drilled to 2.5 kilometres under the sea floor.

Rosetta

Sciencenews.com. November 27, 2019. "Archaeologists Tie Ancient Bones to a Revolt Chronicled on the Rosetta Stone." <https://www.sciencenews.org/article/archaeologists-tie-ancient-bones-egypt-warrior-revolt-rosetta-stone-chronicle>

The Rosetta Stone is essentially a stone-age billboard carved in 196 BCE as a cloying thank-you note to twelve-year-old King Ptolemy V. Allowing for contemporary political spin, nobody doubts the basic reality of events recorded on it. But, it is nice to have physical verification of

its content. Scientists have found the remains of a warrior who seems to have died in the battle mentioned

"If you could cross an alligator with a seal, you might get something resembling a pliosaur. But you would have to scale it up quite a bit. With its toothy, 7 foot long head and bull neck..."

on the stone, when rebellious soldiers set up fortifications and tried to fend off the Egyptian King's forces. Ptolemy V (or his regent) dammed their water supply and then his army took care of business. The excavated corpse had not been given a proper Egyptian burial — he was apparently covered with dirt where he fell. So, maybe he was on the losing side. His skeleton had suffered broken bones and other injuries, some of which were healed. So the guy was probably a professional soldier.

Sports Bar

LiveScience, October 15, 2019. "Bloody, Defeated Gladiator Drips Gore in Gruesome Fresco Uncovered

at Pompeii." <https://www.livescience.com/gladiator-fresco-pompeii.html>
The Roman city of Pompeii was destroyed by a volcanic eruption in 79 CE. Although excavations there have been going on for a long time, new discoveries continue to turn up. The latest is a fresco that depicts the outcome of a gladiator contest. One fighter holds his shield high in victory. The other staggers away, signalling for mercy. Both have wounds that are streaming blood. The fresco is in an ancient pub located near gladiator barracks that were previously excavated.

Moonie

smithsonian.com, July 15, 2019. "First Moon-Forming Disk Detected Swirling Around an Exoplanet." (The Astrophysical Journal Letters,) Contributed by Stephen Darnell.
It is amazing that professional telescopes can see distant, dusty disks that are condensing into planetary systems. But, it is mind-blowing that they may now have found a moon-forming disk around an exoplanet. The European Southern Observatory's Very Large Telescope (VLT) found evidence of two planets coalescing out of the disk surrounding a star named PDS 70 in June, 2019. Then, the ALMA array in Chile found a dusty cloud surrounding one of those planets. A moon could be forming within that cloud, although astronomers cannot see it yet.

Pliosaur

livescience.com. "Remains of a Massive Jurassic 'Sea Monster' Found in a Polish Cornfield." (Oct. 6, Proceedings of the Geologists' Association.) <https://www.livescience.com/ancient-sea-monster-pliosaur-fossils.html>

If you could cross an alligator with a seal, you might get something resembling a pliosaur. But you would have to scale it up quite a bit. With its toothy, 7 foot long head and bull neck, the pliosaur probably filled a niche similar to that of a modern killer whale, specializing in fairly large prey. The jaw and teeth of one of those monsters turned up in a Polish cornfield that also produced remains of ancient alligators and turtles. The area was full of tropi-

cal islands and sleepy lagoons when pliosaurs thrived 150 million years ago. The area was inhabited by both warm and cold water species, showing that it was a transitional zone of the Tethys Ocean between the super-continent tinent Gondwana and Laurasia.

(from p02)

to build and launch — about 5% of what the cost would be if the mission had been done by a major space agency. The Planetary Society did this by cutting costs everywhere, and taking 12 years to do it. They also use only a few tracking and communications stations.

The sail is 5.6 metres wide with an area of 32 square metres. It uses

four small, double-sided solar panels for electrical power. According to Bill Nye, there was some discussion about the best way to support a sail, physically. It could have been done by spinning it to keep it stretched. The Planetary Society chose to use diagonal struts, and the big space agencies are thinking that is a pretty good way to do it.

Bill Nye is the current CEO of the Planetary Society, which was founded in 1980 by Carl Sagan, Louis Friedman, and Bruce Murray. You can find the web site at <https://www.planetary.org>. Bill also has a call-in science podcast show called *Science Rules*. You can send questions for the show at <https://www.askbillnye.com>

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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.

| | | | | |
|----|----|----|----|----|
| | | | | 22 |
| | | | | 21 |
| | | | | 16 |
| | | | | 24 |
| 10 | 24 | 19 | 30 | ? |

Odd Ones Out



1 2 3 4 5



1 2 3 4 5

Number Patterns

a) 20, 21, 16, 18, 13, 16, 11, 15, 10, ?

b) 1, 3, 8, 19, 42, 89, ?

Rebus

What the auditor found:



Cryptic Wordsquare

Each of the five clues has a solution of five letters. Place your five solutions into a 5 x 5 grid to form a wordsquare, such that 1 Across = 1 Down, 2A = 2D etc.

- Southern chop round right scold!
- Carnivore = headless rotter.
- Fasten tailend. 'H' loses one.
- Not true. Not a gain for fine silk.
- Vision seen around, fourth black in.

Elemental Riddle

Put inside Platinum, a drug you will find;
Put inside Mercury, a pig comes to mind.
What am I?

Anagram

Rearrange the letters of a word meaning
HAVING A NOTCHED EDGE to form a
word meaning RENOVATED TYRES

Answers

Cryptosum: 23 (3+9+2+9) **Odd Ones Out:** 4, 3
Number patterns: a) 15 (10+5); b) 184 (double last term and add 6) **Rebus:** A shortfall; All in all **Cryptic Wordsquare:** Floss, Latch, Otter, Scene, Shrew
Elemental Riddle: Oxygen (making POT and HOg)
Anagram: Serrated, Retreads

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