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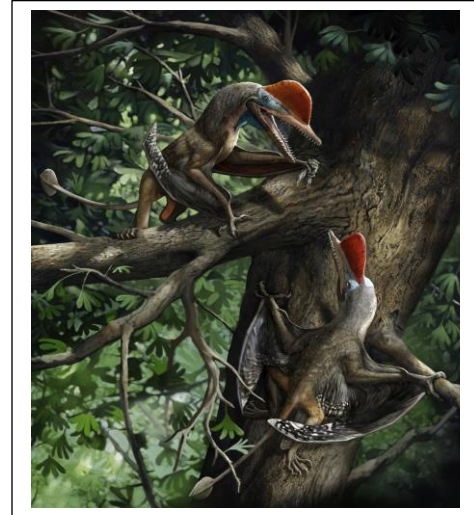
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“The Monkeydactyl” - first pterosaur with opposed thumb discovered

Lived in the Jurassic Period

China, Apr 15: A team of researchers studied a well-preserved skeleton with an opposed pollex (thumb) on both hands. It was discovered in the Tiaojishan Formation of Liaoning, China embedded in rock. Researchers used micro-CT scanning to create a 3D rendering of the fossil and analysed the skeleton. It had a small body with an estimated wingspan of 85 cm. It lived between 161 and 158 million years ago (Jurassic period). They called it the “Monkeydactyl”, since the opposing thumbs helped in climbing trees like monkeys. It was named *Kunpengopterus antipollicatus* (antipollicatus means “opposite thumbed” in ancient Greek). They belong to the darwinopteran pterosaurs group.

Darwinopterans are a group of pterosaurs from the Jurassic period found in China and Europe. They had unique transitional anatomy which helped in studying the evolution of pterosaurs and were named after Charles Darwin, the father of evolution.



Artistic expression of the monkeydactyl
Image credits: Chuang Zhao

3,300-year-old “Lost Golden City” unearthed in Egypt

Ruled by pharaoh Amenhotep III

Egypt, Apr 15: An ancient city known as Aten was unearthed by an international team of archaeologists recently. The city is 3,300 years old and founded during the rule of the 18th dynasty pharaoh Amenhotep III (ruled 1386-1353 BCE).

Many archaeological missions have searched and failed to find this city, so it was named, The “Lost Golden City. They found rings, scarabs (an ancient Egyptian gem), coloured pottery vessels, and mud bricks bearing seals of Amenhotep III’s cartouche (a carved or cast ornamental tablet in the form of a scroll) which confirmed the dating of the city.

Continued on page two.



3,300-year-old ruins of Aten in Egypt
Image Credits: Zahi Hawass, Center for Egyptology

Friday, April 16th, 2021

Continued from Page one

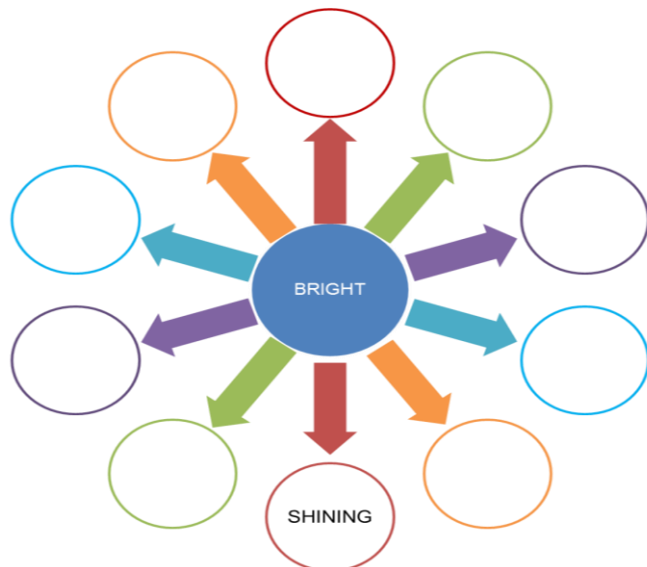
The city's streets on either side had rows of houses with walls up to "three metres high. There was a bakery and a workshop with a large number of casting moulds for the production of amulets (small piece of jewelry) and delicate decorative items. A mud seal has inscriptions on it that say – 'gm pa Aton'. That can be translated as the 'domain of the dazzling Aten', which is the name of a temple built by Akhenaten at Karnak. These discoveries give a rare glimpse of the life of ancient Egyptians.

The 'What If' Challenge:

By Aashi Gupta

Wow! What if Water had Colour?
 Won't it be so Vibrant,
 with different Colours!
 Remembering the Oceans
 would be so easy!
 Colour Rain? Awesome!
 Colourful Icebergs! What a dream?
 Maybe we could also taste the colours!
 Why can't this happen?

Word web



WHAT IF WATER HAD COLOUR
 First, I would choose to see all
 The lakes, ponds, waterfalls, around
 The world to take a dip among them all.
 Would collect a cup of all colours
 And split them arch type on the floor.
 Wonder, will there be a Rainbow
 spreading
 From one corner to another?
 By Rani Chand

Formula One: Lewis Hamilton

By Praneeth Udathu

Introduction and Karting

Lewis Hamilton was born in 1985 in Stevenage, a small town near London in the UK. Hamilton began racing (albeit with radio-controlled cars) when he was only six where he came 2nd in the British Radio Car Championship against hundreds of adults. Following this, Hamilton began karting in 1993 and immediately shone winning many karting cups even while his father had to do four part-time jobs in order to support him. Hamilton's talent was able to impress the boss of McLaren who signed Hamilton into their junior program in 1998.



. Lewis Hamilton
Image Credits: Wikipedia

Junior Racing Career

Hamilton raced in the Formula Renault in 2001 and 2002 season and finished 5th in his first season and 3rd in his second season. However, he missed the last 2 races as he was promoted into the

Euro Formula 3 championship. Here, he finished 5th in his debut but he also won multiple grand Prix in Macau and Bahrain leading him onto GP2 (now known as F2). Here he won the series in his first season beating out future F1 drivers.

The McLaren era

His debut season in 2007 was impressive after beating multiple records, beating his teammate (2-time world champion Fernando Alonso) and finishing 2nd in the championship only 1 point behind the winner. He won in his second season at McLaren but was unable to beat Vettel for the next four years. Following rule changes in 2014, Hamilton decided to join Mercedes in 2013 as the replacement for Michael Schumacher, who was retiring.

The Mercedes era

Hamilton's move was surprising since Mercedes had no track record of wins. Nonetheless, he teamed up with his childhood friend – Nico Rosberg and after regulation changes to the engine in 2014, Mercedes won sixteen of nineteen races in the season. Hamilton won in both 2014 and 2015 ahead of his teammate tensions between him and Rosberg carried on heating up. It culminated in 2016 when Rosberg was finally able to beat Hamilton and proceeded to unexpectedly retire from F1. This left Hamilton with Valtteri Bottas as his teammate. Since 2016, Hamilton has won every season without being challenged by any drivers on the grid.

Continued on page four



Mercedes car in the 2020
Tuscan Grand Prix
Image Credits: Wikipedia

Editorial

Hello Readers,

Congratulations Aashi Gupta, Sneha Vikram Vedpathak, Aaradhya Agarwal, Aryan Hemant Sonawane, Preesha Jain, Priyansh Jain, Geet Naik, Amodini Sharma and Kanak Yadav for getting all correct answers to last week's rumble jumble. A shout out to Priyansh Jain, Manasvini B.Patel and Aashi Gupta for sending in the answers to last week's word web.

Enjoy the edition and have a wonderful weekend

Love,

-Vanitha & Padma

vanithavallisoft@gmail.com

tcpedit@gmail.com

Formula One: Lewis Hamilton

Continued from page three

Conclusion

Hamilton has broken numerous records including winning an equal number of championships as Michael Schumacher, most wins, and many more. As the only black driver to ever race in F1, he has opened up the sport for all races and colours and has encouraged more people who are not of European descent to become engineers, drivers, and take more interest in motorsport. Even now, Hamilton still looks as quick and skilled as ever and could win this season and many more in the

Book Review - Murder on the Orient Express by Agatha Christie

By Aadrita Ghose

Murder on the Orient Express by Agatha Christie is a murder mystery thriller published in 1934. Christie is also known as the 'Queen of Crime' for her brilliant murder mystery novels and short stories. She is the creator of Hercule Poirot and Miss Marple, two of the most famous fictional detectives.

The famous Hercule Poirot is on the equally famous Orient Express, a luxury train which is on its way to London from Istanbul. Onboard the train, an American businessman named Samuel Ratchett recognizes Poirot and asks him for protection as he is afraid someone is trying to kill him, but Poirot refuses as Ratchett has a bad reputation. During the journey, the train and its passengers are stuck in a fierce snowstorm. Early in the morning, a cry comes from Ratchett's compartment. When the train conductor goes to check up on him, a voice from inside says, 'It is nothing. I was mistaken' in French. The next day, it is discovered that Ratchett has been murdered, and the murderer is still onboard the train. Poirot takes it upon himself to solve the case and unveil the murderer. Even though the passengers have alibis of their own, mysterious clues and a tragic past connect them all. Will Poirot be able to find the murderer and learn the true story behind the murder?

Murder on the Orient Express is known as one of the greatest mystery novels ever written. It is a roller coaster of plot twists from the beginning to the end and I enjoyed every second of it. It is a must read, and I give it 5/5 stars.

Sports News: Tennis - ATP Monte Carlo Masters 2021





Roquebrune-Cap-Martin (France), Apr 15:






The ATP Monte Carlo Masters tennis tournament is happening in France, from April 10 to April 18, 2021. It is a tournament happening in the clay ground of a closed stadium without spectators. In the round 3 matches going on today, World No.1 Novak Djokovic (Serbia) was defeated by British player Daniel Evans in straight sets 4-6, 5-7. In another match Stefanos Tsitsipas (Greece) won against Cristian Garin (Chile) by scoring 6-3, 6-4. He will play next with Alejandro Davidovich Fokina (Spain) in the quarter finals on April 16. In another match Rafael Nadal (Spain) won over Grigor Dimitrov (Bulgaria) by getting 6-1, 6-1.



Daniel Evans
Image credit: atptour.com

Shapes Sudoku

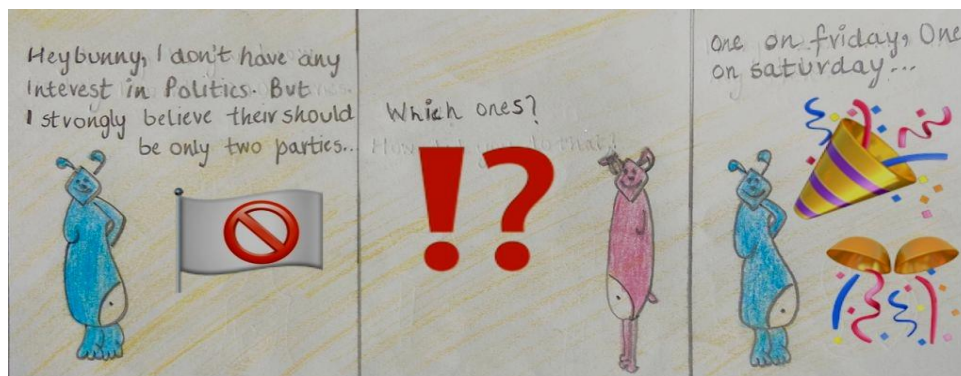
Each of the four smaller squares must have one of each of the shapes , ,  and 

Artist Corner by Poorna Midraa



Cartoon Corner: Funny Bunnies by Aakarsh Agarwal



Credits and Answers

This edition has been reviewed by Jalpa Shah and Pravara Mukkala.

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