



RUGBY SCHOOL  
THAILAND

3RD EDITION, 2025/2026

# The RST Chronicle

THE STUDENT NEWSLETTER OF RST



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# Inktober<sup>®</sup> 2025

**AVAILABLE FOR ALL YEAR GROUPS!! EVERY ENTRY GETS YOUR HOUSE CLOSER TO WINNING!!**



**RISA & TA-LY**

**SCAN HERE FOR MORE INFORMATION**

## Inktober<sup>®</sup> 2025

### OFFICIAL 2025 PROMPT LIST

- |             |              |              |
|-------------|--------------|--------------|
| 1. MUSTACHE | 11. STING    | 21. BLAST    |
| 2. WEAVE    | 12. SHREDDED | 22. BUTTON   |
| 3. CROWN    | 13. DRINK    | 23. FIREFLY  |
| 4. MURKY    | 14. TRUNK    | 24. ROWDY    |
| 5. DEER     | 15. RAGGED   | 25. INFERNO  |
| 6. PIERCE   | 16. BLUNDER  | 26. PUZZLING |
| 7. STARFISH | 17. ORNATE   | 27. ONION    |
| 8. RECKLESS | 18. DEAL     | 28. SKELETAL |
| 9. HEAVY    | 19. ARCTIC   | 29. LESSON   |
| 10. SWEEP   | 20. RIVALS   | 30. VACANT   |
|             |              | 31. AWARD    |

@INKTOBER #INKTOBER #INKTOBER2025

Unleash your creativity in the Inktober House Competition! All it takes is a black pen and your imagination — the school will provide the paper, you provide the ideas. Whether you're a doodler, a dreamer, or a full-on artist, this is your chance to shine for your House. If you've got any questions, your form tutor, the Beauclerc House Captains, or Mrs Douglas are here to help. Pick up that pen and show us what you can do! After your done hand in your artwork in the D&T room!



## INKTOBER RULES

**Make an ink drawing** – Use pens, markers, or brushes. Pencil sketching is fine, but the final work should be inked.

**Do it daily in October** – The original challenge is one drawing for each of the 31 days, but you can go at your own pace (every other day, once a week, etc.).

**Follow the prompts** – Each year has an official word list to inspire you, but you can use your own ideas.

**Keep going and improve** – The real goal is to build consistency, challenge your creativity, and grow as an artist. Mistakes are okay—just keep drawing!

# Inktober<sup>®</sup> 2025

TA-LY & RISA



## YEAR 3 & 4

Draw your prompt with black pen on the cards of paper then stick them on the calendar according to the prompt - try all 31 prompts!



## YEAR 5 & 6

Write your name, house and prompt on the sheet then draw with black pen the prompt where it indicates to - try all 31 prompts!

Unleash your creativity through paper and pen!



## YEAR 7 & 8

Draw on the provided square paper a prompt with black pen which you can get from the D&T workshop - try to draw all 31 prompts!



RUGBY SCHOOL  
THAILAND

## HOW TO WRITE YOUR NAMES FOR ENTRY!

(Write on the back of the calendar)

Y3 / Y4 Example:

Name: Prague  
Form: 4H  
House: Arnold

(Write on where it indicates to)

Y5 / Y6 Example:

Name: Ta-Ly  
Form: 5D  
House: Web-Ellis

(Write on the back of your piece of work)

Y7 / Y8 Example:

Name: Risa  
Form: 8H  
House: Beauclerc  
Prompt: Crown



# Artist of the week

coming out  
this week



Georgia O'Keeffe

was an artist from the USA that liked to make artwork based on flowers and skulls. She was born on the 15<sup>th</sup> of November 1887, and died on the 6<sup>th</sup> of March 1986.

Nuala (Nuala Taylor) Wardell

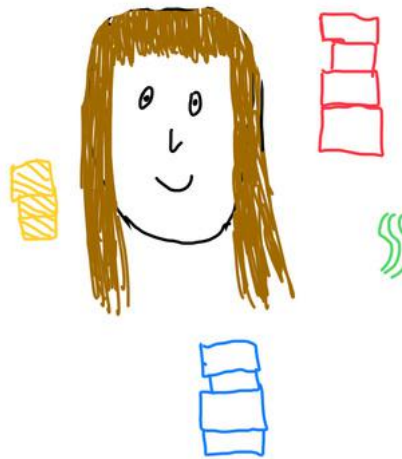
## Georgia O'Keeffe



# Powers of neurodiversity



Neurodivergent



Neurotypical

## What does it mean to be neurodivergent?

To be neurodiverse just means that your brain is wired in a slightly different way to neurotypical human beings. This should be considered a superpower. An example of neurodivergence is: dyslexia, autism, ADHD, dyspraxia, etc.

## What's the difference between being neurodivergent and neurotypical?

To be **neurodivergent** or **neurotypical** is the way that your brain works. They tend to experience the world differently to others, and may have heightened sensitivity to stimuli, such as noise or smell. Their brains also interpret things differently. Neurodivergent people are often highly creative.

## What are the superpowers of Neurodiversity?

Some superpowers of neurodivergence:

- Creativity & problem solving
- Memory
- Pattern recognition
- honesty

and many neurodivergent humans have a lot of empathy and good social skills.

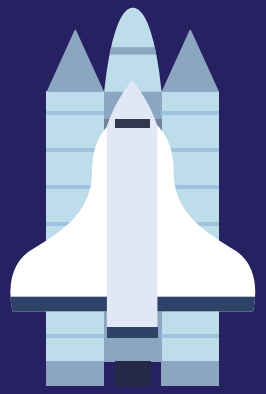
## Does being neurodivergent mean you are sick, diseased, or abnormal?

**ABSOLUTELY NOT.** Being neurodivergent is a wonderful thing to be **proud** of. It does not mean you are abnormal, and **certainly** is not a sickness or disease.

OCTOBER 1<sup>ST</sup> 2025 WEDNESDAY

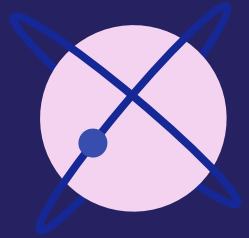
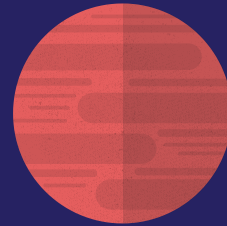
# SPACE

ZOYA GULATI PRESENTS FACTS AND KNOWLEDGE ABOUT  
SPACE



## solar system

*THE PLANETS LIKE ONE BIG FAMILY*



The Solar System consists of the Sun, eight planets, dwarf planets, moons, asteroids, and comets, all bound by gravity to the Sun. Earth is the only known planet with life. The system is located in a spiral arm of the Milky Way galaxy, and it formed about 4.6 billion years ago.

### Components of the Solar System

- **The Sun:** A massive star that makes up most of the solar system's mass and provides light and heat.
- **Eight Planets:** Mercury, Venus, Earth, Mars (inner, rocky planets), and Jupiter, Saturn, Uranus, Neptune (outer, giant planets).
- **Dwarf Planets:** Officially recognized dwarf planets include Pluto, Ceres, Eris, Makemake, and Haumea.
- **Moons:** Hundreds of moons orbit planets, dwarf planets, and even some asteroids.
- **Asteroids and Comets:** These are smaller celestial bodies, with comets being icy remnants from the solar system's early days.
- **The Kuiper Belt and Oort Cloud:** Regions at the outer edges of the solar system containing numerous icy bodies and comets.

### Key Characteristics

- **Age:** The Solar System is approximately 4.6 billion years old.
- **Galactic Home:** It is located in the Milky Way galaxy, specifically in a partial arm called the Orion Arm or Spur.
- **Formation:** The system formed from the gravitational collapse of a large molecular cloud.
- **Gravity:** The force of gravity keeps all celestial bodies, from planets to comets, orbiting the Sun.

### Unique Features

- **Jupiter's Great Red Spot:** A massive, persistent storm larger than Earth.
- **Venus's Rotation:** It has a day longer than its year and rotates clockwise.
- **Mars's Volcanoes:** Mars is home to the Solar System's tallest volcano, Olympus Mons.
- **Uranus's Tilt:** This planet rotates on its side, appearing to roll along its orbit.





# Dunes

Dunes are mounds or ridges formed by the wind blowing or waves depositing sand. They form various shapes like crescentric, star, dome or parabolic dunes being commonly seen.

Sand dunes are always shifting shapes as the wind carries more sand. A process called



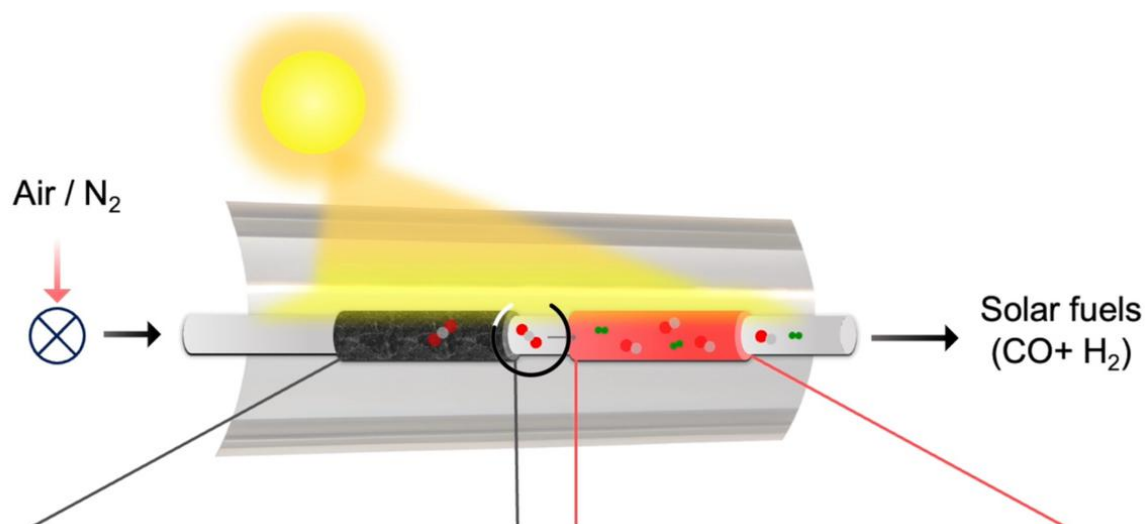
saltation takes place which is a process where a fluid like water or wind moves loose particles or grains like sand across a surface.

Eita

24 SEPTEMBER 2025



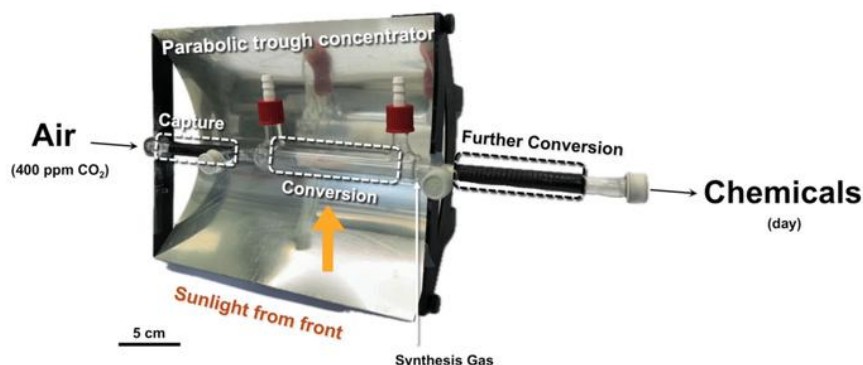
# THE MACHINE THAT TURNS CARBON DIOXIDE INTO FUEL



Researchers at the University of Cambridge have developed a breakthrough method to capture carbon dioxide from the air and convert it into syngas, a clean fuel. By harnessing natural sunlight, the process creates a carbon-neutral energy cycle—removing  $\text{CO}_2$  from the atmosphere and transforming it into usable solar fuels. While the technology shows great promise, further work is needed before it can be made widely available.

## • The benefits

Since the Industrial Revolution, the amount of carbon dioxide in the air has grown much higher than expected. This machine helps lower  $\text{CO}_2$  levels while producing useful solar fuel. If it becomes widely available, people could see carbon dioxide as a renewable resource, helping to greatly reduce global warming. It would also give countries a cleaner alternative to fossil fuels, cutting pollution and protecting the environment. Over time, this kind of technology could change the way we think about energy and create a more sustainable future for everyone.





# FACTS ABOUT SOUTH KOREA

STORYS



TRENDS



FUN FACTS



## Facts about Seoul

Seoul, officially Seoul Special Metropolitan City, is both the capital and largest city of South Korea, and the largest city in the whole of Korea



The places in south korea

## All about Seoul the capital of korea!!!!

Seoul has a rich history and culture, with many historic landmarks and traditional neighborhoods to explore. Additionally, the city is known for its vibrant food scene, with a diverse range of Korean cuisine to try

Unofficially, however, the city was called Seoul, a word derived from the Korean sorabol, meaning "the center of everything." A very appropriate label for the city, Seoul became the official name when the Republic of Korea, or South Korea, was established in 1948

Another deadly Korean superstition is writing a living person's name in red ink. Traditional Korean culture uses red to write the names of the dead and doing the opposite (writing the names of the living) is a big no-no and considered very unlucky and potentially life threatening.

### A story about a famous Korean

A story about a famous Korean person could be about the legendary admiral Yi Sun-shin, a national hero who used his innovative "turtle ships" and brilliant naval tactics to repel Japanese invasions in the 1590s, securing Korean sovereignty. Alternatively, the story of King Sejong the Great, a transformative monarch of the Joseon Kingdom, is also compelling, as he is credited with the creation of the Korean alphabet, Hangul, making learning and literacy accessible to everyone.



## WHATS TRENDING

### \* Clothes&fashion

clean cuts  
can refer to either a garment with smooth, sharp, and well-defined edges from precise manufacturing.

### \* Foods&snacks

#### Croissant Bungeoppang

A modern fusion of the classic fish-shaped pastry the flaky, buttery texture of a croissant with traditional fillings like sweet red bean or custard, and newer options like cream cheese or chocolate.

### \* Places in seoul

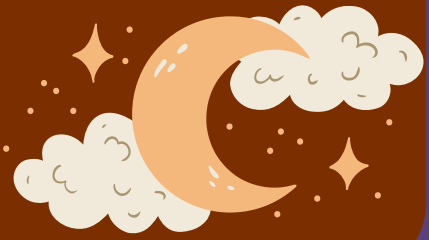
#### hong dae

Hongdae has become an area known for its diverse and indie oriented art culture, including independent clothing stalls, vintage shops, art studios, trendy cafés and clubs



# HALLOWEEN

## Costume & Facts!



### COSTUME IDEAS:



### FUN FACTS!!!

- Candy Corn was originally called "Chicken Feed".
- Finding a spider on Halloween Night is considered good luck.
- The first jack o' lantern was carved out of a turnip.
- Crossing a black cat on Halloween Night is considered bad luck.
- Halloween dates back to almost 2000 years ago!
- Superhero costumes are the most popular kids costumes.



# 2025 Ballon d'Or



## Ousmane Dembélé

### Final results for men

On Tuesday, 23 September 2025, the final results were revealed: Ousmane Dembélé claimed the top honor, finishing more than 300 points ahead of his closest rival, Lamine Yamal. Liverpool's star winger Mohamed Salah also shone with an outstanding season, securing fourth place in the rankings with 657 points.

The Kopa Trophy, awarded to the best player under 21, went to the sensational Lamine Yamal, while the prestigious Yashin Trophy for best goalkeeper was claimed by Gianluigi Donnarumma.

### Final results for women

The women awards are also eye-catching with Aitana Bonmatí winning the ballon d'O three times in a row. The Kopa trophy winner is Spanish player Vicky López and the Yashin trophy winner is English goal keeper Hannah Hampton.





# THE \$1.47 TRILLION COMPANY THAT NO ONE'S HEARD ABOUT

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# TSMC

## TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY

BY HUGO 8W

**90%**

**OF ADVANCED CHIPS  
COME FROM HERE.**

**\$90 BILLION**

**2023 REVENUE**

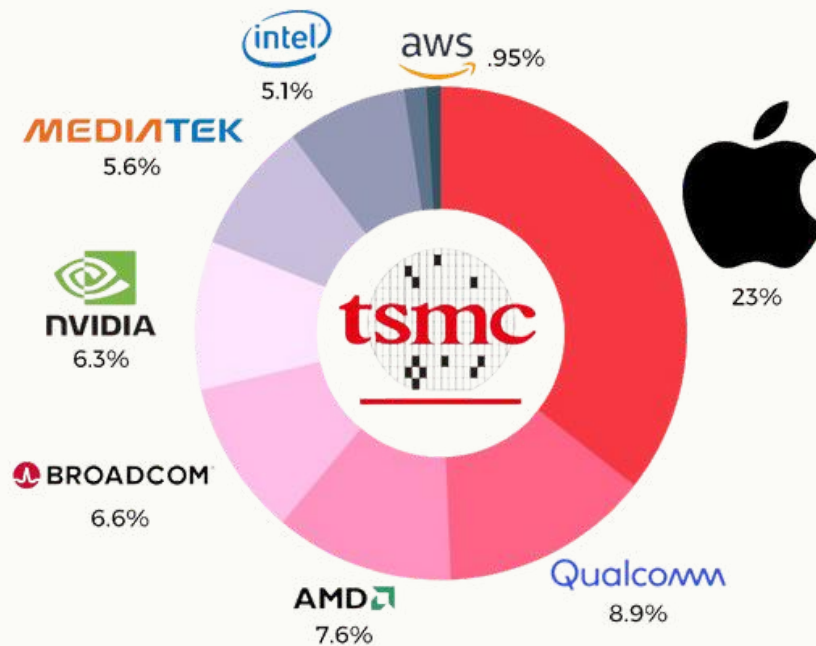
## INTRODUCTION

TSMC, or Taiwan Semiconductor Manufacturing Company, is a Taiwanese computer chip manufacturing that holds a complete monopoly on advanced computer chips. It is in the top 10 most valuable companies in the world, yet it is rarely discussed or heard of. This is because it never directly interacts with human customers, instead its clients are massive electronics corporations like Apple and Nvidia. Since the 1990s it has been the leading company in the world of semiconductor manufacturing, so its value comes as no surprise given the influence of chip-powered devices in our modern world.

## HISTORY

TSMC started as a project by the Taiwanese government to build its semiconductor industry in 1986. Startup capital was provided by the government, wealthy Taiwanese families, and Phillips. Phillips played a crucial role in the initial stage of TSMC, giving it semiconductor manufacturing technology, intellectual property, and patents to TSMC. Chip designers were struggling with manufacturing because it began to get very complicated, so TSMC solved that by specializing the chip manufacturing process. Since its founding it has gradually but surely become one of the most valuable companies in the world, almost monopolizing the advanced chip making industry.

TSMC's Largest Customers  
as % of Revenue



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# ANALYSIS

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TSMC is the 8<sup>th</sup> most valuable company in the world thanks to the huge socioeconomic significance of computer chips. Every tablet, phone, computer, graphics card, or other high-level processors (with the exception of some Samsung and Intel devices that use other foundries). It is a crucial part of global supply chains, considering the significance of computer chips. TSMC specializes in manufacturing chips, contrary to Samsung and Intel, which both design and manufacture their chips. There are pros and cons to this. Pros include accessibility (manufacturing chips is incredibly difficult especially given the complexity of modern chips), and specialization (TSMC has an economy of scale given its size which can lead to better pricing).

Cons of TSMC's specialisation business model include lack of customization (while Intel and Samsung can customise their manufacturing process to the unique features of their products, clients of TSMC do not get much leverage because TSMC manages manufacturing). Apple is TSMC's largest customer, accounting for a quarter of its revenue, Other major customers include NVIDIA, the most valuable company in the world thanks to the recent AI boom which is relying on NVIDIA chips, and communications technology companies like Qualcomm and Broadcom which make the technology needed for Wi-Fi and connections to the internet.

# THE \$357 BILLION COMPANY THAT NO ONE'S HEARD ABOUT

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# ASML

**100%**  
**OF MACHINERY TO  
MAKE ADVANCED CHIPS  
COME FROM HERE.**

**\$29.92 BILLION**  
**2023  
REVENUE**

**\*TSMC IS ABSOLUTELY DOOMED IF THEY LOSE THEIR DEAL WITH ASML**

## INTRODUCTION

ASML, or Advanced Semiconductor Materials Lithography is the sole global supplier of Extreme Ultraviolet (EUV) lithography machines, a cutting-edge technology vital for manufacturing the most advanced chips used in smartphones, laptops, and other electronic devices. Beyond EUV systems, ASML also provides Deep Ultraviolet (DUV) lithography machines, metrology and inspection systems, software, and extensive customer support services.

## HISTORY

ASML, originally founded in 1984 as a joint venture between Dutch companies ASM and Philips, became an independent publicly traded company in 1988. It gained significant market presence with the 1991 release of its PAS 5500 lithography system, widely adopted by major clients like Micron Technology. Over the years, ASML advanced its technology by collaborating with global partners and acquiring companies such as Silicon Valley Group in 2000 and Cymer in 2012 to enhance its lithography systems, especially in extreme ultraviolet (EUV) technology. By 2002, ASML had become the largest supplier of photolithography systems. Despite setbacks such as the 2008 sales drop and intellectual property theft incidents, the company rebounded and continued to innovate, expanding its influence in the semiconductor manufacturing industry.