



St Joseph's Catholic High School

Newsletter

Friday 3rd March 2023



The UK CanSAT Competition

On Friday 3rd March, six of our Y12/Y13 students attended a regional launch event at Westcott Venture Park where their CanSat satellite was launched on board a real rocket. Reached heights of 400m and safe landing via parachute. The Nationals are taking place in June 2023.

(Adrian Fernandes, Dawid Fulara, Aidan Daliling, Al Patrick Pereira, Reuben Jaques, Tyler De Jesus)

Live Action Video of SJS Rocket Launch below:

<https://www.st-josephs.slough.sch.uk/assets/Documents/Letters/Rocket-Launch-03.03.23-1.m4v>

Head Teacher Message

Dear Parents and Carers,

Hope you are all safe and well.

My weekly message is in video format. Please do take a listen and let us know what you think, any feedback is welcome.

<https://www.st-josephs.slough.sch.uk/assets/Documents/Letters/20230303-082853-12-v2.m4v>

Please find below the link to our website to view my message:

St Joseph, pray for us

Mr Stapleton



"The glory of God is a human being fully alive!"

St Joseph's Book Day 2023 Thursday 17th of March

We will be holding St Joseph's book day on the 17th of March as a result of the school closure this week. All students will now have the opportunity to be involved in the dress up competition and activities throughout the day. Keep your eyes peeled for next week's newsletter for more information.

Theme of the Week – Jesus

Usually, in the gospel, events follow one another without mention of time, so when time is mentioned, it means something. In our case, Matthew is inviting us to go back to what happened six days earlier because it is the very key for the interpretation of the Transfiguration of Jesus.

Six days earlier Jesus and his disciples were in Caesarea Philippi, the city of the King, and he asked them who the people said that he was, and who they themselves thought he was. Peter answered correctly 'You are the messiah, the Son of the living God', but when Jesus moved on to say that he would go to Jerusalem and be humiliated and killed by the religious establishment, **Peter was shocked** and began to rebuke him. Peter, like all the others, would welcome a powerful messiah who would liberate them from the Romans and establish a new, splendid kingdom, but **Jesus was speaking more like a loser!** What kind of glorious king would agree to be tortured and killed by his enemies? Jesus then spoke to Peter those harsh words: *Get behind me, Satan, for you don't think according to God but according to the world.*

It is because of this misunderstanding about himself and the nature of God that Jesus after six days chooses the three more mature apostles and leads them up the mount to reveal himself more fully. Jesus is transformed before their eyes, and the Greek verb used is *metamorphóo* (from which comes 'metamorphosis'), which is translated '**to change form in keeping with inner reality**'. Just like a caterpillar which is repugnant to the sight but inwardly is a beautiful butterfly, Jesus from the outside looked nothing special, a poor man surrounded by a bunch of scruffs, walking towards failure and rejection, but in reality he is **GOD himself carrying out the work of redemption with the power of love.**

Matthew uses a few biblical images to convey the divinity of Jesus: the face shining like the sun (a reference to Psalm 84), and the robes being white as light (Psalm 104). Then we see two major characters appearing beside Jesus: Moses and Elijah, symbolising the Old Covenant described in the Law (Moses) and Prophets (Elijah). Why them? Because **both went up mount Horeb to see the Glory of God, but were unable to because it was too much for them to behold** (Exodus 33:18-22, Moses says to God: *Show me your glory!* 1Kings 19).

Now they appear beside Jesus because God has finally revealed his true face in him, and he looks nothing like a vengeful, angry, legalistic God, but is all about **LOVE**. Jesus shows to all that the true glory of God is love. The Hebrew word which we translate 'glory', קְבוֹד, literally means **WEIGHT/SUBSTANCE**, so the glory of something is what that thing is made of, its essence, and **Jesus shows us that the essence of God is love**, and that he has come to start a new world in which those who want to be great will make themselves servants of all.

Peter is raptured in contemplation of this glory, and suggests to prepare three tents for Jesus and his illustrious visitors. In Biblical language, **pitching the tent means stability, settlement**. Peter would like to settle for a permanent contemplation of the Glory of God, but that is not Jesus' plan. **After having seen him, one must go back down to the plane and bring the light of that vision to their brothers and sisters.** The unofficial motto of the Dominican Order sums this up beautifully: *contemplare et contemplata aliis tradere* that is '**to contemplate, and then to bring the fruits of contemplation to others.**'

As Peter is speaking, a luminous cloud came over them, and a voice from within it spoke. The cloud is a biblical image for the **PRESENCE** of God with his people. In the form of a cloud God appeared to his people in Exodus and guided them as they came out of Egypt. The voice itself is a rabbinic literary feature used to express the thoughts of God. In our case, **God expresses his approval for Jesus and confirms him as the one who shows his true face, the one in whom he recognizes himself, and urges the disciples (and all of us) to listen to his teaching and follow it if we want to avoid living as sub-standard human beings.** It is this invitation to follow Jesus's teaching – not the cloud or the voice - that causes Peter, James and John to fall to the ground, i.e. to be terrified. Why?

Because Jesus proposes a new world in which the values of the plane (the old world) are completely subverted. We humans have a natural tendency to preserve ourselves and our life, and consequently **use things and people to achieve this purpose.** Jesus now asks us to be servants of the life of others, to forget about power, fame, reputation, wealth and praise, and rather allow ourselves to become means through which our brothers and sisters may have true life in abundance – **and this is terrifying because it means giving up our egos!**

Matthew decided to include this episode of Jesus' life not in order to add a fancy story to his Gospel, but **as a message for us.** Sometimes we too – like the disciples – have a wrong idea of God, sometimes we treat him as our life insurance, the one who must make sure that all our plans and desire go the right way. Sometimes we just allow him to be the icing on the cake of our life, a topping which stays on the surface without sinking deep.

As we move on in the journey of Lent, let us ask ourselves whether we have really understood what God is asking us. Is our faith comfortable? Have we settled for saying a few prayers here and there, and go to the odd Sunday Mass? If that is the case we might want to reconsider what it means to follow Christ, because it requires that we deny ourselves, and that's the most difficult thing to do for selfish people like us.

To conclude, we too experience the Transfiguration every Sunday at Mass, when Jesus leads us away from the noisy crowd, shows us the true face of God, and is transformed into bread for us, that we may assimilate him, and become in turn bread for the sustenance of our brothers and sisters around us in the world, at home, at work, at school.

Jesus

Weekly Reflections

5th March 2023

A reading from the Gospel of St Matthew (17:1-9)

And after six days Jesus took with him Peter and James and John his brother, and led them up a high mountain apart. And he was transfigured before them, and his face shone like the sun, and his garments became white as light. And behold, there appeared to them Moses and Elijah, talking with him.

And Peter said to Jesus, "Lord, it is well that we are here; if you wish, I will make three booths here, one for you and one for Moses and one for Elijah."

He was still speaking, when lo, a bright cloud overshadowed them, and a voice from the cloud said, "This is my beloved Son, with whom I am well pleased; listen to him." When the disciples heard this, they fell on their faces, and were filled with awe. But Jesus came and touched them, saying, "Rise, and have no fear." And when they lifted up their eyes, they saw no one but Jesus only. And as they were coming down the mountain, Jesus commanded them, "Tell no one the vision, until the Son of man is raised from the dead."

Prayer for the Week

Merciful Lord, you know our struggle to serve you: when sin spoils our lives and overshadows our hearts, come to our aid, show us your tenderness, and turn us back to you again; through Jesus Christ our Lord. Amen

Day 1

We often call the episode described in the Gospel 'Transfiguration', but the original Greek word is 'metamorphosis'

- What is the definition of metamorphosis? Can you think of examples in nature?

Saint of the Week

St John of God (1495-1550)



John was a mercenary fighting for Emperor Charles V. At the age of 40 he had a strong conversion, and his fervor was so great that it was mistaken for madness, which landed him into an insane asylum. When he came out of the asylum through the intercession and guidance of St John of the cross, he built a hospital in Granada and looked after the sick and dying for the rest of his life. In St John shone the virtues of

Compassion & Love.

Day 2

Peter is overexcited to see the glory of God shining in Jesus and to see him talking to Moses and Elijah, the great Patriarch and the great Prophet. He suggests to build three tents for them.

- What do you think that building a tent means?

Day 4

This episode was not included by Matthew in the gospel as a simple story, but as a message for us, disciples of today.

- What do you think that message is?
- How do we experience Jesus' metamorphosis in our daily lives?

Day 3

Peter hasn't yet finished talking, when a bright cloud appears and a voice from within it recognises Jesus as the beloved son of God, inviting all to listen to his voice, that is follow his precepts. At this point the disciples fall on their faces and are filled with fear.

- Why do you think they react in this way now, but were not afraid earlier when they saw the transformation of Jesus? What are they really afraid of?

LENT CALENDAR

WEEK COMMENCING ON THE 6th March 2023

DAY	Monday 6/03	Tuesday 7/03	Wednesday 8/03	Thursday 9/03	Friday 10/03
Theme	Freedom	Injustice	Notice people	God's presence	Jewish Passover
Activity	<p>Read Exodus 3:7-9 The Lord said, "I have indeed <u>seen the misery of my people in Egypt. I have heard them crying out because of their slave drivers, and I am concerned about their suffering. So I have come down to rescue them</u> from the hand of the Egyptians... And now the cry of the Israelites has reached me, and I have seen the way the Egyptians are oppressing them.</p>	<p>Watch the News Today</p> <p>Notice anyone being treated unfairly, or anyone whose freedom has been taken away.</p>	<p>Make an effort to notice every person you see or hear today</p> <p>It's easy for us to stop noticing or treating others as being human like us. But God notices and cares for everyone.</p>	<p>Today try to remember and acknowledge God's presence in everything you do.</p>	<p>Take 5 minutes to Google and find out how our Jewish brethren celebrate the feast of Passover</p>



The Cook-Off






Thursday 23rd March
Lunch time
FoodTech
50p to enter

House Competition
points to all who take part

Contestants create their best dishes and people pay to taste and cast their votes And prizes for winners!!!!!!!

Please give your name to your form tutor or email Ms Ura to enter

Lent 2023

Lenten Fundraising – ‘Access to Shine’ Project and Cafod – Syrian and Turkey earthquake appeal

During this period of Lent, not only do we mark this period traditionally by fasting and by other acts of penance. At St Joseph’s we also give this period to fundraising in as many ways as possible to help support those who are less fortunate. This year money raised through fundraising will be donated to our school charity, the ‘Access to Shine Project’ and to Cafod to support with their current aid appeal for the recent devastating earthquakes in Turkey and Syria. Please see attached our charity poster with more information.

For students, we want them to take part in as many events as possible and try and raise £10 per person through fundraising. All students have received a sponsorship to complete and any money raised can be given to the school office or can be paid on ParentPay for your child. A poster outlining ways to fundraise and some activities happening during lent can also be found attached. Please can parents/guardians during Lent continue to promote charity and really push your child to try and do all they can.

Support at St Joseph’s

At St Joseph’s we are aware and understand that the current cost of living crisis causes worry and concern for many. As a Catholic School, we always have the well-being of our school community at the heart of everything we do and as a result, we want to help as best we can. We are putting together fortnightly food parcels that will be delivered to families most in need in order to support them over the next few months. A typical food parcel will contain the following:

In order to receive a food parcel each fortnight please can you email office@st-josephs.slough.sch.uk where you will be invited to come into St Joseph’s to discuss the needs of your family and the food parcel that will not only meet your family’s dietary needs but also how we as a school can support further.

Food items	<ul style="list-style-type: none"> Cereal Pasta Soup Rice Tinned tomatoes/pasta sauce Lentils, beans and pulses Tinned meat Tinned vegetables Tea/coffee Tinned fruit Biscuits UHT milk Fruit juice
Non-food items	<ul style="list-style-type: none"> Toiletries – deodorant, toilet paper, shower gel, shaving gel, shampoo, soap, toothbrushes, tooth paste, hand wipes, hand sanitizer Household items – laundry liquid detergent, laundry powder, washing up liquid Feminine products – sanitary towels and tampons

In order to receive a food parcel each fortnight please can you email office@st-josephs.slough.sch.uk where you will be invited to come into St Joseph’s to discuss the needs of your family and the food parcel that will not only meet your family’s dietary needs but also how we as a school can support further.



SCHOOL CANTEEN – Cashless from 27th February 2023

Polite reminder to all parents/carers that St Josephs is now cashless. In order to pay for your school meals your ParentPay account will need to be activated. If you have not already set your ParentPay up please contact the school office who will issue your unique logins.

Word of the Week

‘Implicit’. This is an adjective meaning, suggested though not directly expressed or always to be found in; essentially connected with.

“There is an implicit trust between staff and students at St. Joseph’s.”

Spanish: Implícito.

French: Implicite.

Idiom of the Week

'Beat around the bush'

Meaning: To ‘beat around the bush’ is to avoid the main point in a conversation. In other words, it means failing to get to the bottom line when speaking to others.

Origin: The origin of the term is understood from hunting where beating the bushes with something like a wooden stick was common; there was probably some loud shouting involved as well. All the rustling and noise would scare out any birds and other animals from the cover of the brush, making them easy targets for the hunters. It was safer to do this and keep their distance when hunting.

In Spanish: « Darle vueltas al asunto.»

In French: « Tourner autour du pot. »

Year 7 News

Well done to Jude Martin and Pawel Gregorczyk who took part in the schools Panathlon on Wednesday.

“It was really fun to participate and I would like to do it again” Jude Martin

Keep your eyes peeled for all the fundraising activities coming up over Lent and make sure you take part in as many as possible.

In the meantime have a great weekend!

Mrs Dunleavy – Head of Year 7

Year 8 News

I hope you all had a well-deserved rest during half term. Year 8 made a fantastic start back to the second half of this term and I was particularly impressed with their renewed enthusiasm and the positive attitudes I encountered this week.

A reminder that year 8 will be having another week of online learning next week so please do familiarise yourself with the expectations for online learning:

- Students need to be in their class team at the start of the lesson ready for the meeting. Once the meeting has started they need to join by clicking on “Join” in the class area.
- Once they have joined they will need to ensure they are muted and their camera is on.
- If students need to ask a question they can put their hand up by clicking on the icon, type in the meeting chat or unmute themselves to ask at an appropriate point.
- Students are expected to complete all work set. We will take a blended approach with some tasks set digitally and some completed in exercise books.
- Lessons will only last 45 minutes to allow students a screen break between lessons.
- Students will be expected to attend their tutor time in the morning and participate in reading during the afternoon.
- Normal classroom expectations still apply and students will be given X’s for any disruptive behaviour or lack of participation during online lessons.

Mrs Miller – Head of Year 8

Year 9 News

Year 9 Peer Productions Play - Masking

Before Half Term, letters were sent asking for your consent (via Parent Pay) to allow pupils to view the play Masking, in the School Hall on 23/03/2023. This play is part of the school's Health and Wellbeing programme. In order to participate consent via ParentPay is required.

The play asks young audiences to consider how they can build connections and find joy in this uncertain world as well as how they can know when they need to ask for help.

Please contact Mrs Ossei-Brainoo on j.ossei-brainoo@st-josephs.slough.sch.uk if you have any enquires/concerns.

Y11 News

Dear All,

I hope you are well and have enjoyed the first week or so of Lent.

We have been incredibly busy over the last 2 school weeks during our PPEs. The way Year 11 have approached these exams has been a step up from November both in the way they have prepared and the atmosphere in and around lessons. I'm really proud of everyone and cannot wait for the results so we can make our plans moving forward.

Please do keep an eye out in the newsletter next week as I will be giving a brief reflection of this PPE series and what we need to do to continue to improve in the summer.

Have a great weekend,

Mr Robinson - Head of Year 11

Y12 Biology & Chemistry Students

Applications for the free online London Med Schools Summer Programme 2023 are now open. This programme is for Year 12 students living in England (outside of Greater London), who have only attended non-selective state schools since age 11 and are currently studying A-level biology and chemistry. For more details on student eligibility, you can [visit our website](#) or access [the application form here](#).

Funded by Health Education England, the London Med Schools Summer Programme brings together four of London's medical schools (King's College London, Queen Mary University of London, St George's University of London, and University College London) to give 75 Year 12 students from across England an opportunity to find out what it is like to study medicine in London. Working with patients and student ambassadors, participants will gain a greater understanding of the realities of being a doctor and the skills needed to succeed.

The main summer school programme takes place from Monday 17th July to Friday 21st July on Zoom. There will also be additional events delivered in conjunction with the summer school which are detailed on the application form.

For more information and to apply, [students should follow this link](#).

The deadline to apply is 9am on Monday 27th March 2023.

This programme is part of a series of events run with the Medical and Dental Schools Council. Please see here for a [full list of the programmes available](#) across England.

St Joseph's Book Day 2023 Thursday 17th of March

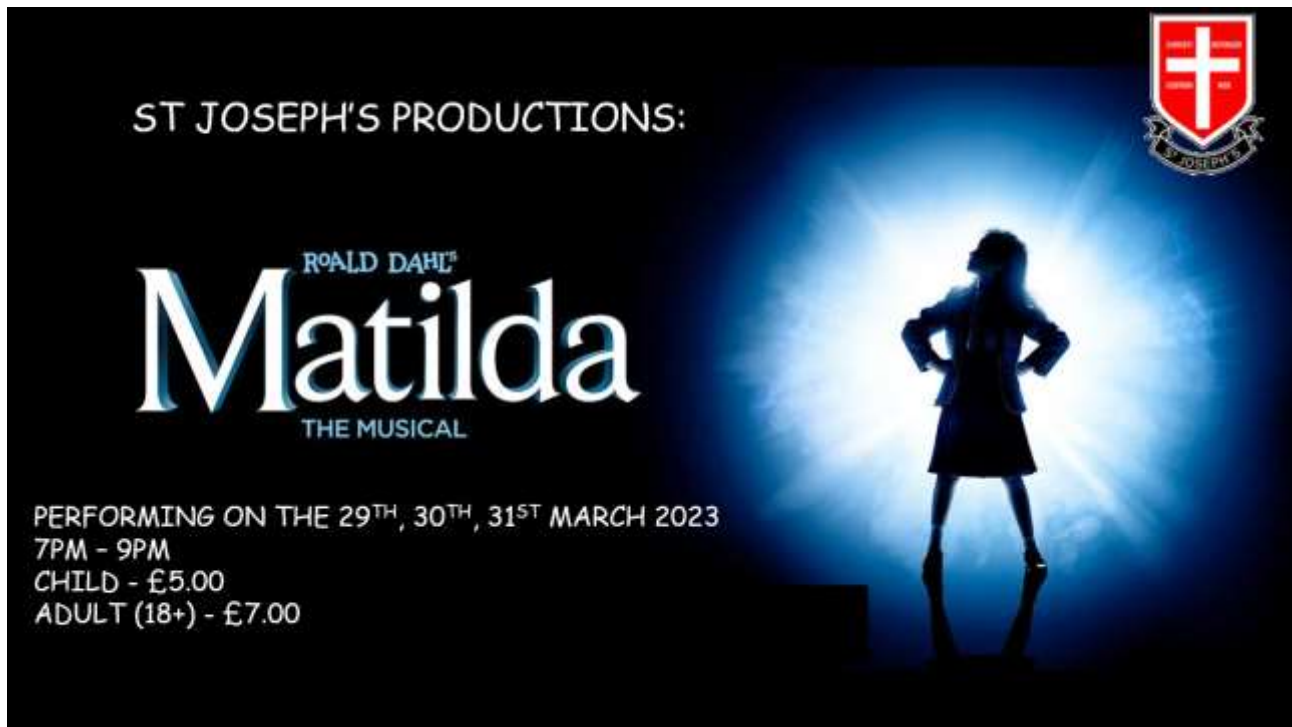
We will be holding St Joseph's book day on the 17th of March as a result of the school closure this week. All students will now have the opportunity to be involved in the dress up competition and activities throughout the day. Keep your eyes peeled for next week's newsletter for more information.

TVLP News

Please find as a separate attachment an electronic copy of the TVLP's March newsletter. It features our brilliant cross-school Festival of Music (which received rave reviews), Dr Jane Goodall's inspirational talk at Eton College (attended by 9 TVLP schools), and lots of free speaker events coming up this month.

Drama News

Tickets are now on sale for Matilda via Parent Pay for parents, students and guests. Do not miss what is promising to be a great evening's entertainment.



PE News – Year 7



The Year 7 netball team competed in their first ever tournament and match for St Joseph's. The girls won 4 out of 6 matches and came 3rd overall: narrowly missing out on 2nd place due to a goal difference of 1. The girls displayed exceptional teamwork, resilience and were positive throughout the whole tournament.

Well done to: Joanna B, Maya B, Eilis C, Viki C, Annabel L, Isabella L, Miah H and Chloe W

PE News - Year 8



Gold medals for our Panathlon competitors!

This week a group of 8 students took part in the secondary Panathlon. This was the first time this has been run as a secondary school event. The pupils took part in a variety of activities including paddle ball and New Indoor curling. The pupils thoroughly enjoyed the day with some saying it was the best day of their lives. The pupils put in a huge amount of effort which resulted in them coming first. They will now go on the next round of the competition representing Slough in the Berkshire county competition to be held in Reading. A huge well done to Mia, Angelo, Pawel, Jude, Luca, Oliver, Stefan and Matthew.





St Joseph's Music Department: Practice Competition 2023



Monday 6th March – Monday 27th March

Summary:

1. Collect a practice sheet from the music department.
2. Practise! This can be any instrument/voice, any style/genre.
3. House points are earned for every minute practised.
4. Winners are picked on how many minutes they practise for over the next 3 weeks and how often they practise.
5. Prizes include Gift Vouchers and treats.

More information to follow in form time notices

Music Department News

Music Practice Competition

From Monday 6th March, the new **Music Practice Competition** will be starting. This is a house competition which rewards you for Practising!

Practise sheets will be available from Monday 6th March.

Practise rooms are available for students before school, break, lunch and afterschool, just check with Miss Ure or Mr Richardson so it can be signed off.

Each minute earns house points.

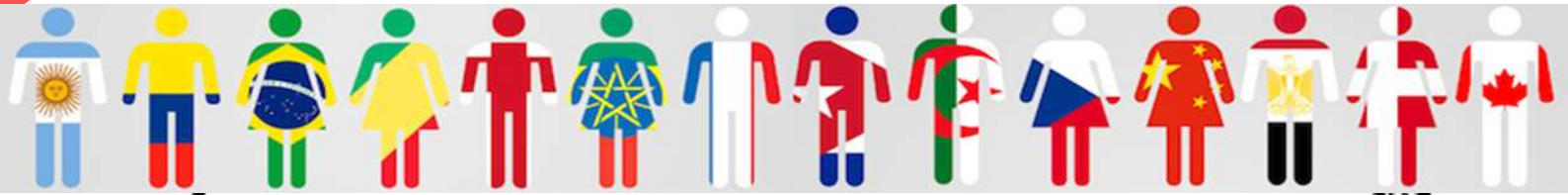
Lenten Fundraiser - Showcase Week

As part of the Lenten fundraising, there will be an opportunity for students to perform. This can be solo or group, as well as any instrument or style.

If you are interested, please contact Miss Ure detailing what you would like to play.

Instrument Demonstrations:

We are eager to get more instruments going in school. If you have a specific instrument you are interested in learning in or want to find out more about, please contact Miss Ure.



EAL NEWS

(English as an Additional Language) *Accessing Support*

Use the links below to determine whether there are any benefits, you could be claiming:

- [Turn2us Benefits Calculator](#)
- [Better Off Calculator | Policy In Practice](#)
- [Housing and support options for migrant families](#)

Access free or low-cost food:

- [Food Bank near Me | Find a Food Bank — Bankuet ®](#)
- [Our members - Independent Food Aid Network UK](#)
- [Find a Food Bank - The Trussell Trust](#)
- [Community Fridge Network \(hubbub.org.uk\)](#)
- [OLIO - The #1 Free Sharing App \(olioex.com\)](#)
- [Join Our Food Waste Movement \(toogoodtogo.co.uk\)](#)
- [Low Price Foods - Save up to 70% on your weekly food shop](#)

Help with energy bills:

- [Bounce Back Checklist - British Gas Energy Trust](#)
- [Energy mythbusting - MSE](#)



Interested in Teaching?

Teach SouthEast are holding an exciting event on March 16th at 6pm they would like to share with you. Please see the below poster and follow the zoom link below to access the event.

<https://zoom.us/j/8842866549?pwd=cklmc25zREY2MTIXSDZ4MEpvSHZ2Zz09>

Come and meet our team and speak with a current trainee and ECTs to hear more about the profession, different routes into teaching, the training programme we run at TSE and our interview process. We look forward to seeing you online!

XAVIER
TEACH
SOUTHEAST

SURREY HUB

*Interested in
training to
teach?*

**RECRUITMENT
FAIR**

**THURSDAY 16TH MARCH
6PM ONLINE**

CLICK HERE

zoom

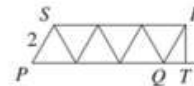
www.teachsoutheast.co.uk @teachsoutheast /teachsoutheast



#IcandoMaths

Solution to last Week's Puzzler

- A In the diagram shown, T is the foot of the perpendicular from R to PQ produced. Consider triangle QTR . Angle $QTR = 90^\circ$ and, because the sum of angles on a straight line = 180° , angle $RQT = (180 - 2 \times 60)^\circ = 60^\circ$. So $\sin 60^\circ = \frac{RT}{QR}$ and hence
- $$RT = QR \times \sin 60^\circ = 2 \times \frac{\sqrt{3}}{2} = \sqrt{3}. \text{ Also } \cos 60^\circ = \frac{QT}{QR}, \text{ so}$$
- $$QT = QR \times \cos 60^\circ = 2 \times \frac{1}{2} = 1. \text{ Therefore } PT = 7.$$
- By Pythagoras' Theorem, $PR^2 = PT^2 + TR^2 = 7^2 + (\sqrt{3})^2$
 $= 49 + 3 = 52$. So $PR = \sqrt{52} = \sqrt{4 \times 13} = 2\sqrt{13}$.



Solution to the Break time Teaser:

- B We are told that the weight of 25 000 Empire State Buildings is equal to the weight of one billion elephants. So the Empire State Building weighs the same as $\frac{1\,000\,000\,000}{25\,000}$ elephants = $\frac{1\,000\,000}{25}$ elephants = 40 000 elephants.

Problem of the week

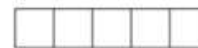
I start at square "1", and have to finish at square "7", moving at each step to a higher numbered adjacent square.
 How many possible routes are there?



- A 7 B 9 C 10 D 11 E 13

Break time Teaser:

Kartik wants to shade three of the squares in this grid blue and Lucy wants to shade the remaining two squares red. There are ten possible finished grids.
 In how many of the finished grids are Lucy's red squares next to each other?



- A 3 B 4 C 5 D 6 E 8

Send your answers to Mr Allinson. Complete answers will get positive points on Class Charts.

St. Josephs High Pi Day 2023

The St-Joseph's Maths Department presents Pi($\pi = 3.14 \dots$) Day which will be held on Tuesday, March 14th, 2023. It's the 3rd month and the 14th day (Kool, isn't it!). 😊

The day will be celebrated with a competition called "Memorizing Pi" or (Memorizing digits of π)

This means, on Tuesday March 14th 2023, students will come to M6 where they will get a chance to write-from memory as many digits of Pi(π) they can remember. We hope to have a winner for each **House**, **Year group** as well as an overall **St Joseph's Champion**.

Here's a [link](#) to get you started!

Pi Web Sites

Pi continues to be a fascination of many people around the world. If you are interested in learning more, there are many web sites devoted to the number Pi. There are sites that offer thousands, millions, or billions of digits, pi clubs, pi music, people who calculate digits, people who memorize digits, Pi experiments and more. Check this [Yahoo page](#) for a complete listing.

Memorization of pi

He holds the current unofficial [world record](#) (100,000 digits) in 16 hours, starting at 9 a.m. (16:28 GMT) on October 3, 2006. He equaled his previous record of 83,500 digits by nightfall and then continued until stopping with digit number 100,000 at 1:28 a.m. on October 4, 2006. The event was filmed in a public hall in [Kisarazu](#), east of [Tokyo](#), where he had five-minute breaks every two hours to eat [onigiri](#) to keep up his energy levels. Even his trips to the toilet were filmed to prove that the exercise was legitimate.

His previous world record of 83,431 was performed from July 1, 2005, to July 2, 2005.

On [Pi Day](#), 2015, he claimed to be able to recite 111,701 digits.^[1]

Despite Haraguchi's efforts and detailed documentation, the [Guinness World Records](#) have not yet accepted any of his records set.

Haraguchi views the memorization of pi as "the religion of the universe",^[2] and as an expression of his lifelong quest for eternal truth

A Brief History of Pi

Ancient civilizations knew that there was a fixed ratio of circumference to diameter that was approximately equal to three. The Greeks refined the process and Archimedes is credited with the first theoretical calculation of Pi.

In 1761 Lambert proved that Pi was irrational, that is, that it can't be written as a ratio of integer numbers.

How many digits are there? Does it ever end?

Because Pi is known to be an irrational number it means that the digits never end or repeat in any known way. But calculating the digits of Pi has proven to be a fascination for mathematicians throughout history. Some spent their lives calculating the digits of Pi, but until computers, less than 1,000 digits had been calculated. In 1949, a computer calculated 2,000 digits and the race was on. Millions of digits have been calculated, with the record held (as of September 1999) by a supercomputer at the University of Tokyo that calculated 206,158,430,000 digits.

Pupil Nominations of the Week

YEAR 7

Homework Superstar - Adriana Paulusz 7T

YEAR 8

Csenge Bodor and **Oskar Gawlik** for achieving the most positive points this week.
Ela Suleyman for her resilience and commitment to excel in Spanish.

YEAR 9

Gabriel Sobala for his excellent analysis of religious poetry and songs this week in English.
Jacob Welsh (9T) and **Oliver Ventura** (9T) for an outstanding week and achieving the highest amount of positive points this week.

YEAR 10

Most amount of positive points: **Radek Przerwa**, **Hannah Marie Anaya**, **Elise Johannes-Williams**,
Theodore Kulczykowski

YEAR 11

YEAR 12

Elisha Morris for the clever and creative production of his music video in Media.
Homework Superstar - **Aditya Jain** 12C
Aiden Daliling, **Al Patrick Pereira** and **Reuben Jaques** for amazing work on their STEM project.

YEAR 13