

Right Start - Bright Future  
Welcome to



Wellington  
Primary

**Merit Assembly**

## World news

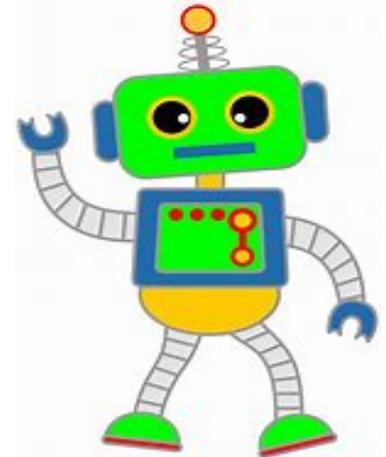
### Martin Luther King Jr Day

Last Monday, America celebrated the birthday of Martin Luther King Jr. by having a holiday in his honor. This celebration was legalized in 1990. On this day, which can be anytime between 15th Jan to 21st Jan, children are taught about his life, work and importance to the termination of racism and support in illegalizing "whites only" signs. However, they sometimes have days off.



### Amazon Scout robots take to pavements in Washington State

Amazon is experimenting with delivery robots, starting with a little truck called Scout which is taking to the pavements in Washington State. Six of the autonomous electric trucks will deliver parcels "at walking pace" round Snohomish County. The robots will only operate during the day and will be accompanied by an Amazon employee initially. It is the latest in a series of trials of pavement robots, seen as being a good alternative to road deliveries. "We developed Amazon Scout at our research and development lab in Seattle, ensuring the devices can safely and efficiently navigate around pets, pedestrians and anything else in their path," said Amazon's vice president





Year 5 Science museum sleep over.

# Wellington news

## Year 6 Mayan Workshop

On Tuesday, Year 6 had a Mayan workshop. An expert came dressed up as a Mayan. We learnt how to speak the numbers 1 to 10 in Mayan language. In addition, we got to try Mayan chocolate. After this, we had different cards with our drama assignment in the groups we were split up in. We got different props to perform with and got to see the rest of the group performances. Jeevika, from Ruby said, "I really enjoyed this experience and hope that I can do this again!"

## Visitors at Wellington

This week, the Minister of Education from the Cayman Islands and other senior educators came to see how we study and learn at Wellington. They visited Key Stage 2 and Key Stage 1. They were impressed with the work and behavior and really liked the way we were being taught. They are going to incorporate a lot of what they saw in their system.





Year 2 at Cranford sports day.

## Local News

### Snow

This Tuesday, it snowed in Hounslow at noon. This was the first snow of the year. Everyone was thrilled to see that snow was falling after such a long time. In Scotland, the figure is much higher, with snow or sleet falling on 38.1 days on average. Statistically, the snowiest place in the UK is the Cairngorms in Scotland, with 76.2 days of snow or sleet falling on average. Cornwall is the least likely to get snow, with an average of only 7.4 days of snow or sleet falling a year. Much of this snow fall does not settle, and the figures for snow on the ground (snow lying) are much lower. On average across the UK there's only 15.6 days a year when snow is on the ground, compared to 26.2 days in Scotland. Again, most of the snow on the ground can be found in mountainous areas.



**Question**  
The whole calculation uses each of the digits 0-9 once and once only.  
The 4-figure number contains three consecutive numbers, which are not in order.  
The third digit is the sum of two of the consecutive numbers.  
The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.  
Can you replace the stars in the calculation with figures?

**Answer**  
5694  
x 3  
-----  
17082

**By Anashi Singh Class**

**Method 1:**  
I started with the 4-digit number. I knew it had to be a 4-digit number with three consecutive numbers. I tried 1234, 2345, 3456, 4567, 5678, 6789. I found that 5694 works. I then checked the 5-digit product. 5694 x 3 = 17082. The first, third and fifth digits are 1, 9, 2 which are consecutive. The second and fourth digits are 7, 8 which are consecutive.

**Method 2:**  
I started with the 5-digit product. I knew it had to be a 5-digit number with five consecutive numbers. I tried 12345, 23456, 34567, 45678, 56789. I found that 17082 works. I then checked the 4-digit number. 17082 / 3 = 5694. The 4-digit number contains three consecutive numbers (5, 6, 9) and the third digit (9) is the sum of two of the consecutive numbers (5 + 4 = 9).

This represents the multiplication of a 4-figure number by 3.

$$\begin{array}{r} \star \star \star \star \\ \times \quad 3 \\ \hline \star \star \star \star \star \end{array}$$

The whole calculation uses each of the digits 0-9 once and once only.  
The 4-figure number contains three consecutive numbers, which are not in order.  
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The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.  
Can you replace the stars in the calculation with figures?

**My Strategies**

I put the numbers 0-9 on number cards - using trial and error to try and solve this problem. While I was rearranging the numbers, I realised that the consecutive numbers didn't have to be in consecutive order. So I made a sheet of all the possible consecutive numbers. I figured out that you couldn't use 0 or 5 as when multiplied by 3 you have to use both digits again. You can't use 2 and 4 on the 4-digit number.  
Since, two of the consecutive digits added equal the third digit. The consecutive numbers can't be too high because then the third digit will be two digits long. I have tried numerous strategies and got loads of answers but none that could make sense to solve the problem.

**STUCK ON THIS?**

The whole calculation uses each of the digits 0-9 once and once only.  
The 4-figure number contains three consecutive numbers, which are not in order.  
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The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.  
Can you replace the stars in the calculation with figures?

$$\begin{array}{r} \star \star \star \star \\ \times \quad 3 \\ \hline \star \star \star \star \star \end{array}$$

- Since the first step on the question sheet says that the third digit of the 4-figure number is the sum of two of the consecutive numbers, we know that it must be 3 as the consecutive numbers 1 and 2 add together to make 3.
- This is when trial and error comes into the question. We know that 1 and 2 are part of the 4-figure number but are not sure where. So, keep on trying to jumble it and play with the numbers.
- Once you think you are ready with the 4-figure number, start working on the 5-figure number. This also requires trial and error.
- Keep going until you have found your 5-figure number using all the rules on the question sheet. Try your best!

**Tip:** Be patient as this might take a lot of time!

**Did you know?** A lot of trial and error is needed for this!

I didn't manage to solve it, but I hope you can!

**HOMEWORK SOLUTION**

This represents the multiplication of a 4-figure number by 3.

$$\begin{array}{r} \star \star \star \star \\ \times \quad 3 \\ \hline \star \star \star \star \star \end{array}$$

The whole calculation uses each of the digits 0-9 once and once only.  
The 4-figure number contains three consecutive numbers, which are not in order.  
The third digit is the sum of two of the consecutive numbers.  
The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.  
Can you replace the stars in the calculation with figures?

**Tip for Success:**  
1. First, I listed all the numbers 0-9. I could cross out 3 as it was already used.  
2. Next, I concentrated on the 4-digit number and found that the only number that had three consecutive numbers and whose third digit was the sum of two of the consecutive numbers was 5694. I could cross out 5, 6, 9, 4.  
3. Then, I played around with the remaining numbers 0, 1, 2, 7, 8. I found that 17082 was the only 5-digit number that had three consecutive numbers and whose second and fourth digits were also consecutive.  
4. Finally, I checked that 5694 x 3 = 17082. The whole calculation uses each of the digits 0-9 once and once only.

**Method 2:**  
1. Again, list the number as shown.  
2. Cross out 3 as it has been used.  
3. The three consecutive numbers are 4, 5, 6 and 9. We know 9 is the third digit. The other numbers can be put on top as shown.  
4. In the first box of the 4-digit number, it must be 4 as it next stays that there are 3 consecutive numbers and what remains are 0, 1, and 2. In the five digit number, the first, second and third boxes can be 0, 1 or 2. The first box can be 0 as if it was the answer would be 4 digits.  
5. The 7 and 8 can be written in one of the boxes as shown. Working our way through, we can get each number.  
6. Using the process of elimination, we can insert each figure.

**REMEMBER:** Remember to list the numbers in order to avoid confusion.

**QUESTION:** Which method is quicker and easier for this?

**BY: Anashi Singh**

**YAY! WE USED METHOD 2 AND SUCCESS! GOT IT!**

**STUCK ON THIS?**

The whole calculation uses each of the digits 0-9 once and once only.  
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The third digit is the sum of two of the consecutive numbers.  
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Can you replace the stars in the calculation with figures?

$$\begin{array}{r} \star \star \star \star \\ \times \quad 3 \\ \hline \star \star \star \star \star \end{array}$$

I didn't manage to solve it, but I hope you can!

**Year 6 Maths posters.**

# Growth-Mindset quote of the week:

Stop being afraid of what could go wrong, and start being excited about what could go right.

# Question of the Week

If you could design a building what would it look like and why?



Send your answers to Mrs Gleeson and try to use thinking maps and hats.

# Merits:

Merits are awarded for outstanding pieces of work or behaviour. Work must be AMAZING to win a merit!



Three Merits = One white Badge



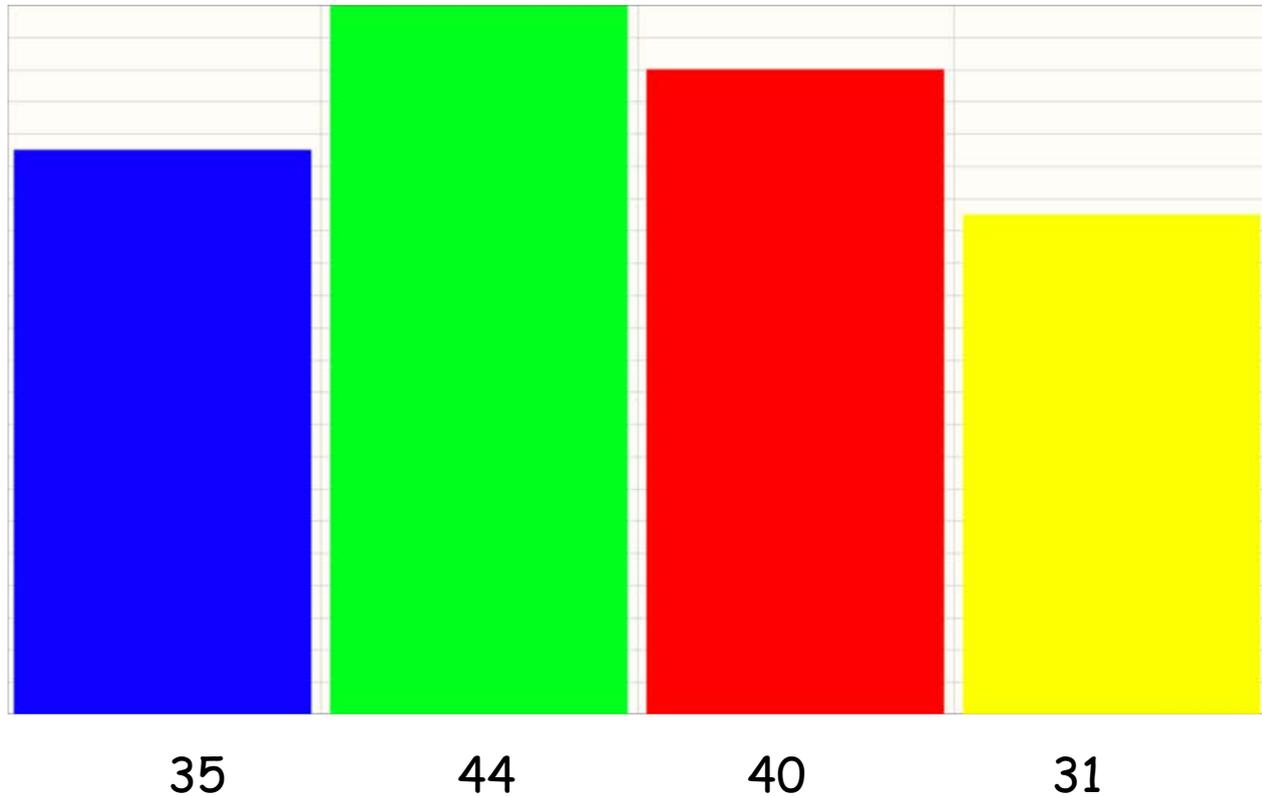
Three White Badges = One Team Badge



Three Team Badges = One Gold Badge



# Team points



**Green are in the lead with 44. Next is red with 40. Following behind with 35 are blue and last are yellow with 31.**

Remember to take great  
care crossing the roads  
when moving between and  
around the schools.  
Always use the crossing  
points.

# Remember

- Don't forget to use bug club and Purple Mash. Purple Mash will help you with your new Topic and bug club will help you with your reading.
- Make sure you read about 5 minutes a day at home with a parent.
- Do not forget to do your homework and bring it in on the date it is due in.

This powerpoint was written by :Aarushi, Nirmayee,Kai,Ritansh  
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