

Year 6 - Week 14

1

Miss J's and Miss P's set:

This will be your last writing task. As you are all leaving and going to lots of different high schools we thought it would be really nice if we could organise a small farewell piece of writing. It would be lovely to have something from each of you so that we can compile this and make it available for everyone to view and access in our last newsletter

When writing your message:

Keep it short – a paragraph maximum

Say goodbye

Say what you will miss

Consider your words carefully

Ensure what you are saying is appropriate

Please don't mention specific friends you have – I'm sure if you're that friendly you're probably in touch with each other anyway

Remember – it will be the last thing everyone remembers you by

(messages will only be published if they are suitable)

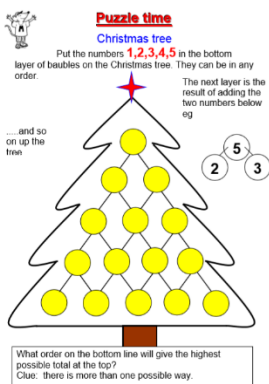
PLEASE SEND TO newsletter@gordonprimary.redbridge.sch.uk.

Please state: FOR MISS JONES

Or if you wish, you can always post your message into our book amnesty boxes that will be outside at the school gates.

Messages must be sent to us by Wednesday in order for us to check and publish in our final newsletter

Miss J's set:



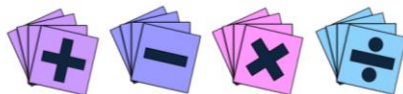
Miss P's set:

Can You Make 100?

Age 11 to 14 ★

How many ways can you find to put operation signs (+, −, ×, ÷) between the digits make 100?

1 2 3 4 5 6 7 8 9 =
100



PSHE/Wellbeing

How do our thoughts and feelings affect our behaviour? How may that affect us? How may that affect our day? How may that affect others around us?

Discussion: Why do we behave badly sometimes?

Discussion: What is attitude? When is it appropriate? In appropriate? Why may people/teachers like attitude? Why may teachers dislike attitude?

Scenarios:

You turn up late for school and the head teacher is standing outside on the gate

You've just found out you did really well on your last exam

You've had an argument with someone at home and unfortunately haven't made up in the morning

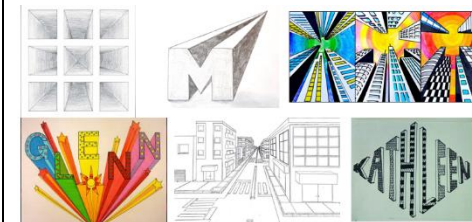
You've just heard a really funny joke before Maths

You've had no sleep and are really tired

Can you create a flow diagram as to the 'what happens next?' can you consider the series of events that will follow on from this?

Art

You may want to continue practising your skills from last week with your 3D perspective Art. If you feel ready, you could try the next challenge, this will probably take you a couple of days to design, plan, create and perfect. I've done this with year 6 before, and they have created some amazing pieces! I know you can do the same.



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2

Miss J's and Miss P's set:

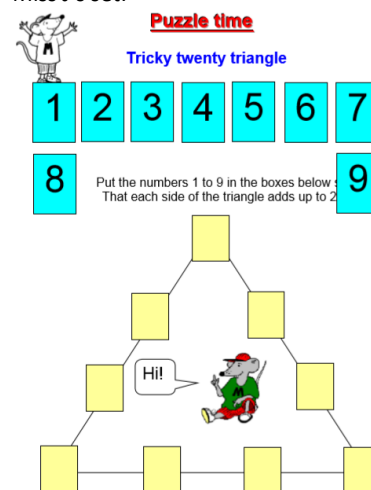
Consider and relook at your message – are you completely happy? Make sure that you have sent it off to us as we will need to read through them all (not being nosey, honest) but to make sure they are all appropriate to be shared. As we have said, please no names mentioned – make it general to the year group. Thank you!

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Miss J's set:



Miss P's set:

Largest Product

Age 11 to 14 ★

Here are some different ways in which we can split 100:

- $30 + 70 = 100$
- $20 + 80 = 100$
- $21 + 56 + 23 = 100$
- $10 + 10 + 10 + 10 + 10 + 10 + 20 + 20 = 100$

The products of these sets are all different:

- $30 \times 70 = 2100$
- $20 \times 80 = 1600$
- $21 \times 56 \times 23 = 27048$
- $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 20 \times 20 = 40000000$

What is the largest product that can be made from whole numbers that add up to 100?

Choose another starting number and split it in a variety of ways. What is the largest product this time?

Can you find a strategy for splitting any number so that you always get the largest product?

PSHE/Wellbeing

Continuing from yesterday

Activity: Below are a number of different scenarios where children have used a bad attitude. Discuss these with your parent

Can you then write to an agony aunt letter/suggestion for a chosen scenario to suggest what they should have done in that situation rather than use a bad attitude

Juleiman gets into English late, as his mother's car broke down this morning on their way to school. When he enters the classroom he fails to knock at the door and completely ignores the fact that he is late. He finds his place, sits down and begins to talk to his peers.

Shahira has forgotten her homework again. When her teacher asks for it, rather than telling the truth she tries to reason with a number of different excuses as to why she hasn't got it. When given a detention she exclaims, "that's unfair," and begins to huff and puff calling the teacher names under her breath.

At the moment, in English, Alisha is studying poetry from her anthology book. Alisha hates poetry and daydreams a lot during English, but today she has her own ideas of what the teacher should be teaching them. When her idea is rejected she decides to tell the teacher, "English is rubbish and I hate it." Each time her teacher asks her to do something she sighs and tuts saying, "we've done this before though!"

Alli has been warned before about his behaviour down the corridors near science block. Yet again though, he has decided to push and shove his way through to get to his lesson. When Mr White called him to come and see him, he decided instead, to run.

Aisha isn't a massive fan of Maths and is in a bad mood today. She's had an argument with her friends. The friend she has had an argument with sits on another table quietly, yet Aisha thinks it appropriate to continue the row in class. Before long, a number of girls are arguing and using derogatory terms towards each other.

Zau is a popular girl and prefers not to wear her school uniform as she should. However, she persistently goes against the rules and is currently on school uniform report card. Ms Bellerby asks Zau to tuck her shirt in and ensure that her tie is the correct length. Zau replies with some foul language and walks off muttering.

Asif has been asked repeatedly to leave the classroom but is refusing. He is arguing with the class teacher because he feels that actually his friend should be going to the isolation room instead. After arguing with the teacher for a few minutes and disrupting the class, he grabs his things, walks out and slams the door.

Nyaaab has been talking to her friends from another table and causing quite a disruption in the class. The girls she was talking to have now settled down to work, but Nyaaab isn't interested in learning Spanish today. She decides to begin throwing pencils at her friends to grab their attention. When asked to stop, she laughs in the teacher's face.

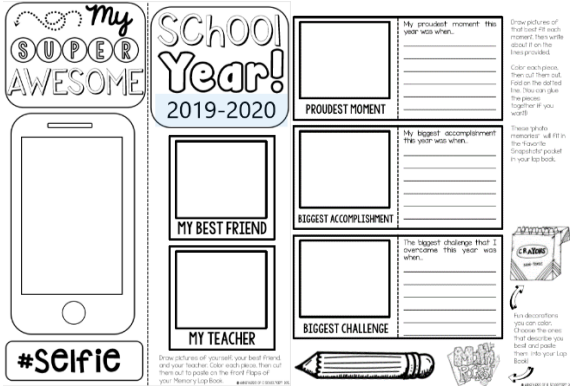
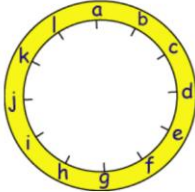
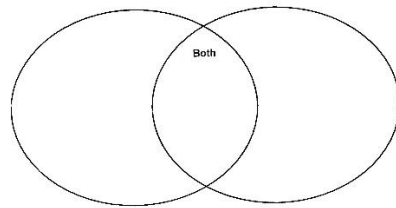
Anwar dislikes science and has a double session of it today after lunch. He decides to go home for lunch and not return, telling his parents that school is closed that afternoon.

Sean has school dinners each day and because he is popular always feels that he should be the first in the line, even if he wasn't. When asked by a teacher to wait his turn, he completely ignores the instruction, rushes through the canteen door and takes his food without saying thank you to the canteen staff.

Topic

Continue with perspective Art. Here are some more suggestions – there are loads on the internet if you have access

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3	Miss J's and Miss P's set: These are for your year book that you have been creating. These are some pages that you may want to include so that you can remember bits and bobs from school. If you want to extend this though, you could do a little bit in your leavers book for each year group 	Miss J's set: A Mixed-up Clock Age 7 to 11 ★ There is a clock-face where the numbers have become all mixed up. Can you find out where all the numbers have got to from the ten statements below? Here is a clock-face with letters to mark the position of the numbers so that the statements are easier to read and to follow.  1. No even number is between two odd numbers. 2. No consecutive numbers are next to each other. 3. The numbers on the vertical axis (a) and (g) add to 13. 4. The numbers on the horizontal axis (d) and (j) also add to 13. 5. The first set of 6 numbers [(a) - (f)] add to the same total as the second set of 6 numbers [(g) - (l)]. 6. The number at position (f) is in the correct position on the clock-face. 7. The number at position (d) is double the number at position (h). 8. There is a difference of 6 between the number at position (g) and the number preceding it (f). 9. The number at position (i) is twice the top number (a), one third of the number at position (d) and half of the number at position (e). 10. The number at position (d) is 4 times one of the numbers adjacent (next) to it. Miss P's set:	PSHE/Wellbeing  Can you think of a number of different things that will stay the same/change when they go to high school. You should sort these out according to whether this happens in high school, primary school or both Set a line that goes from I feel positive / excited at one end and I feel worried / concerned about this at the other end. Go through some of the things that you have identified about what will change. For example "My class will be different...", "Different teachers for different subjects..." "Big building" etc. Discuss with someone at home regarding how we can all find change difficult, and how different people find different changes difficult. Also consider mixed feelings about change. But don't forget – change can be positive! Feel free to come up with any questions you have about the things that will change. As I've said, if you send your questions

DON'T FORGET – THIS IS YOUR FINAL CHANCE PLEASE SEND MESSAGES TO newsletter@gordonprimary.redbridge.sch.uk. Please state: FOR MISS JONES Or if you wish, you can always post your message into our book amnesty boxes that will be outside at the school gates. Messages must be sent to us by the end of today in order for us to check and publish in our final newsletter	Consecutive Seven Age 11 to 14 ★ Start with the numbers from 0 - 20: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Can you arrange these numbers into seven sets of three numbers, so that the totals of the sets are consecutive? For example, one set might be {2, 7, 16} $2 + 7 + 16 = 25$ another might be {4, 5, 17} $4 + 5 + 17 = 26$ As 25 and 26 are consecutive numbers these sets might be part of your solution. Once you've found a solution, here are some questions you might like to consider: • Is there more than one possible set of seven consecutive totals? How do you know? • Is there more than one way to make the seven totals? • Could you make seven sets that all had the same total? • Could you make seven sets whose totals went up in twos? Or threes? Or...	in, we can answer them for you – otherwise – note them down and ask someone at high school – they'll be happy to help you! Topic Continue with perspective art – you're going to need the time to make it THAT good If you can, have a search online – there really is some amazing artwork out there that can inspire you PSHE/Wellbeing How do you think homework is going to change when you go to high school? Note down what you think homework will be like when you come to high school.
4 Miss J's and Miss P's set:	Miss J's set:	

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Here are some more pages that you could do to add to your year book – again, you don’t have to do these specific pages, but they are suggestions

TOPIC

Fastest Runner

Funniest

Most Talkative

Can Whistle

Best Howler

Best Singer

Best at Books

Most Active

Perfect Attendance

Happiest Antler

Neatest Desk

Quietest

Best Equine

Best Artist

Best Dancer

Fastest Mathematician

Picks Best Fun

My CLASSMATES

When I GROW UP...

I WANT TO BE A

DOCTOR

MY FUTURE CAREER

GOAL SETTER!

Three things that I can do right now to help me reach this goal are...

1

2

3

My FUTURE

This is what my classroom looked like this year!

N

W

E

S

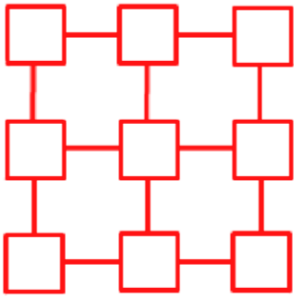
My CLASSROOM

Number Differences

Age 7 to 11 ★

You might like to try [A Ring of Numbers](#) and [More Rings of Numbers](#) before this problem.

Place the numbers from 1 to 9 in the squares below so that the difference between joined squares is odd. (You must use each of the numbers once.)



Can you find some other ways to do this? Explain how you do this.

Can you put the numbers in the squares so that the difference between joined squares is even? Explain your answer.

What general statements can you make about odd and even numbers?

Miss P’s set:

You will get something called a homework diary, in which you will write down everything that you need to remember including homework, key dates, clubs etc

Challenge: with someone at home – they are going to give you some (fake) homework that you need to record in your diary – someone can model how this works at home probably – especially if you have an older sibling.

You can use the page below to help you – you may want a couple of copies of this.

Get someone at home to tell you the lesson and when it’s due. Let them check that you’ve put it in your diary properly

Monday	Saturday
Tuesday	Sunday
Wednesday	Notes
Thursday	
Friday	

Topic

Have a look at these pieces of perspective artwork. How have they created these? Can you combine all of the skills that you have learned now into creating your own piece for your yearbook – or if you wish – continue with your art work that you’ve already started to get it finished. Google ‘perspective photos’ and ‘perspective artwork floor’ to help you out – there really are some amazing pieces

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In each of the cryptarithms below, each letter stands for a different digit
(0 is never the first digit of any number).

Find a solution to each cryptarithm.
Do any of them have more than one solution?

- 1)
$$\begin{array}{r} A \\ + A \\ \hline BA \end{array}$$
- 2)
$$\begin{array}{r} BB \\ + A \\ \hline ACC \end{array}$$
- 3)
$$\begin{array}{r} AB \\ + A \\ \hline BCC \end{array}$$
- 4)
$$\begin{array}{r} AB \\ + CD \\ \hline CDC \end{array}$$
- 5)
$$\begin{array}{r} AB \\ + BCB \\ \hline BCB \end{array}$$
- 6)
$$\begin{array}{r} AB \\ + CB \\ \hline BA \end{array}$$
- 7)
$$\begin{array}{r} AB \\ + CB \\ \hline BBA \end{array}$$
- 8)
$$\begin{array}{r} AB \\ + AB \\ \hline CA \end{array}$$
- 9)
$$\begin{array}{r} AA \\ + BB \\ \hline CBC \end{array}$$
- 10)
$$\begin{array}{r} AB \\ + AB \\ \hline CBB \end{array}$$
- 11)
$$\begin{array}{r} AB \\ + AB \\ \hline CA \end{array}$$
- 12)
$$\begin{array}{r} AB \\ + AB \\ \hline BC \end{array}$$
- 13)
$$\begin{array}{r} AAA \\ + A \\ \hline CAB \end{array}$$
- 14)
$$\begin{array}{r} ABC \\ + ACB \\ \hline CBA \end{array}$$
- 15)
$$\begin{array}{r} ABC \\ + ABC \\ \hline CDD \end{array}$$
- 16)
$$\begin{array}{r} ABC \\ + CBC \\ \hline CDEB \end{array}$$
- 17)
$$\begin{array}{r} ABC \\ + ABC \\ \hline CCC \end{array}$$
- 18)
$$\begin{array}{r} ABC \\ + ABC \\ \hline BBB \end{array}$$
- 19)
$$\begin{array}{r} AB \\ + CA \\ \hline ABC \end{array}$$
- 20)
$$\begin{array}{r} A \\ + CCC \\ \hline BAB \end{array}$$
- 21)
$$\begin{array}{r} A \\ + CCC \\ \hline BCB \end{array}$$
- 22)
$$\begin{array}{r} BAA \\ + BAA \\ \hline CAAD \end{array}$$
- 23)
$$\begin{array}{r} ABA \\ + ABA \\ \hline CDBA \end{array}$$

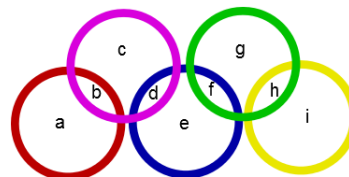


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5	Miss J's and Miss P's set: Continue with your yearbook – I'm sure you have plenty to do and bits that you would like to personalize – enjoy yourself with this – today is your last day of primary school =)	Miss J's set: Overlaps Age 11 to 14 ★★ Seven Regions Place the digits 1 to 7, one in each region, so that the circles all have the same total.  Can you also show that: • you cannot have a circle total of 16 with 4 in the centre? • you cannot have circle totals greater than 19 or less than 13? • you cannot have anything other than 1 in the centre for a circle total of 13? Miss P's set:	PSHE/Wellbeing How many of you have brought something to school that you don't actually need that day? How many of you have forgotten something that you actually need that day? How many of you have forgotten something really important? Something that you'd end up getting in trouble for at high school? When you go to high school it is physically impossible to be able to carry everything round that you are going to need all week as you'll end up seriously hurting yourself. You will need to find a safe place to store all of your books in one place – can you think of somewhere in your house that you will be able to do this? You are going to be provided with a school bag (you can get yourself an envelope) whereby you need to pack your bag based upon your timetable Get someone to test you to make sure you have everything. (NOTE when I was at highschool you HAD to bring your calculator for Maths all the time – they used to make you get it out sometimes, just to find out who forgot it – meanies) Also don't forget – you may have an exercise book and a text book for some lessons – so watch out!

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Five Rings



These five rings create nine regions, labelled *a* to *i* above. Using each of the digits 1 to 9 exactly once, can you place one number in each region so that **the sum of the numbers within each ring is the same?**

Can you find more than one solution?

Show that for any solution the sum of the numbers in the overlaps (b , d , f and h) must be a multiple of 5.

Using this, can you find a lower and an upper bound for the possible ring totals?

Is there a solution for every ring total between the lower and upper bound?
If not, can you prove that no such solution exists?

Week A	9:00 – 9:50	9:50 – 10:40	10:40 – 11:00	11:00 – 11:50	11:50 – 12:40	12:40 – 1:15	1:15 – 2:15	2:15 – 3:15
Monday	History	Science	Break time	Maths	Geography	Lunch time	Computing	English Lit
Tuesday	Science	Maths		Science	P.E		History	Spanish
Wednesday	Geography	English Lan		History	English Lit		D&T	Maths
Thursday	Maths	Spanish		English Lit	Geography		English Lan	P.E
Friday	Art	Science		Computing	R.E		Spanish	English Lit

	Week B	9:00 – 9:50	9:50 – 10:40	10:40 – 11:00	11:00 – 11:50	11:50 – 12:40	12:40 – 1:15	1:15 – 2:15	2:15 – 3:15
Tuesday	Monday	English Lan	History		Maths	Geography		Spanish	Science
Monday		P.E	Spanish		Maths	English Lit		Science	Geography
Wednesday	Science		Maths		English Lan	History		P.E	Computing
Thursday		R.E	English Lit		Science	Geography		Art	Spanish
Friday	Maths	History			D&T	English Lan		English Lit	Computing



Topic

What would you like to celebrate about your primary school life?

If you could take one thing away from your best experiences at Gordon Primary School, what would it be?

I would like you to find a nice space somewhere – outside if you can be – to cheer for yourself – congratulate yourself on what you have achieved this year!! Shout and jump and enjoy the moment! We are all very proud of you and what you have done this year – we will miss you very much. Come and visit when you can my lovelies,
Good luck for the future
Miss Jones and Miss Parvin

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