

Day 1 ANSWERS

Maths

1. 4
2. 16
3. 8
4. 64
5. 125
6. 729
7. False $64 \neq 64$
8. False $1331 > 144$
9. True $16^2 = 256$
10. Last year my age was 8 (2^3), this year it is 9 (3^2). 64 (8^2 and 4^3)

English

1. which
2. where
3. who
4. where
5. who
6. whose
7. which
8. The footballer, who was called Samantha, scored a goal.
The Antarctic Ocean, where penguins live, is cold all year.
Possible answers
9. The girl, who only lived next door, went to school.
10. The bowl, that the cat likes the most, is in the kitchen.

Science

1. Possible answers:
Gas - air or gas from the cooker
Liquid - water, orange juice
Solid - table, chair
2. Solid
3. Gas
4. Liquid
5. Solid
6. Gas
7. Liquid

Day 2 ANSWERS

Maths

1. 28cm^2
2. 18cm^2
3. 24cm^2
4. 45cm^2
5. 162cm^2
6. 93.5cm^2

English

1. Yes
2. No
3. No
4. Yes
5. No
6. No
7. Yes

Additional sentences should fit the frame provided on the worksheet.

Science

1. The heart, blood vessels and blood.
2. Oxygenated
3. The heart
4. Deoxygenated
5. The blood is pumped to the lungs to collect oxygen and get rid of carbon dioxide.
6. Platelets help the blood to clot and repair cuts.
7. It would help them fight off disease.
8. The red blood cells would allow sports people to transport more oxygen. This allows them to create more energy and take part in their sport.

Day 3 ANSWERS

Maths

1. $\frac{1}{9}$ 2. $\frac{1}{25}$ 3. $\frac{2}{12}$ or $\frac{1}{6}$ 4. $\frac{8}{35}$ 5. $\frac{28}{45}$ 6. $\frac{66}{84}$ or $\frac{11}{14}$

English

1. Possible answer

We're going to learn to cut and paste, kids

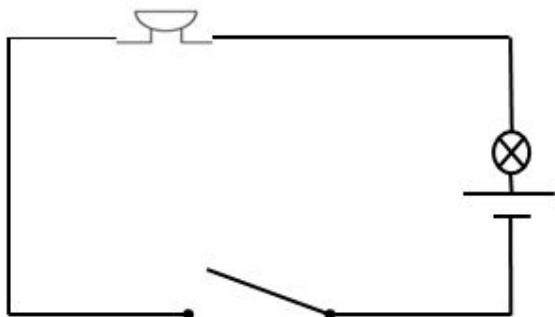
We're going to learn to cut and paste kids!!



2. Suitable answers accepted. (people in a cooking pot and inspiration from people close to them and cooking.)
3. The view I imagined, was amazing.
The view, I imagined was amazing.
4. He brought home some old folders and a doughnut, which he ate, as soon as he got hungry.
He brought home some old folders, and a doughnut which he ate as soon as he got hungry.
5. When the lightning turned incredibly bright, yellow people began to get scared.
When the lightning turned incredibly bright yellow, people began to get scared.
6. Suitable answers accepted.

Science

1. Only **C** will work. **A** has a gap in the circuit and B doesn't have any batteries.
2. A = buzzer, B = bulb, C = battery, D = switch, E = motor
3. The circuit must not have any gaps. It must include a battery, a switch, a buzzer and a bulb.



Day 4 ANSWERS

Maths

1. $\frac{1}{4} \div \frac{1}{2} = \frac{1}{2}$ 2. $1 \div \frac{3}{10} = \frac{10}{3} = 3\frac{1}{3}$
3. $2 \div \frac{1}{2} = \frac{4}{1} = 4$
4. $3 \div \frac{1}{4} = 12$ 5. $\frac{1}{2} \div \frac{3}{5} = \frac{5}{6}$

English

1. A **quick-thinking** policeman saved the cat.
2. Take your ticket, passport and suitcases to the **check-in**.
3. The tennis player had to **re-serve** as her last ball hit the net.
4. My lucky number is **thirty-three**.
5. All **eighteen-year-old** people can vote in the United Kingdom.
6. He always buys **sugar-free** drinks.
7. I watched the mouse **retreat** into the hole.
8. Can you **re-sign** this letter, please?
9. I saw a **bird-eating** spider at the zoo.
10. Yvonne **resented** having to do homework on her birthday.

History

1. A Thing
2. The law-speaker
3. The laws were not written down and so it was important to remind everybody what the laws were so that no-one could change them whenever they wanted.
4. People would have to trust that the law-speaker could remember the law exactly and that he wouldn't deliberately change the law himself.
5. A Holmang
6. Stealing of a beehive. Today there would have to be compensation paid to the victim, just like in Viking times. However, today there might also be an additional punishment and a criminal record.

Day 5 ANSWERS

Maths

1. 90°
2. 180°
3. 50°
4. 135°
5. 30°
6. 107°
7. 72°
8. 54°

English

1. The bus is missed by him.
2. The ball was thrown by me.
3. The packet was opened by him.
4. The car was stopped by the policeman.
5. We watched the television programme.
6. The children enjoyed the lesson.
7. We almost walked into the lamp post.
8. Bees make honey.

Geography

1. Any one of the following: 0943, 1042, 1043, 1142, 1143
2. Any one of the following: 0642, 0643, 0742, 0743, 0843
3. Any one of the following: 0841, 0740
4. Any one of the following: 1039, 1040, 1139, 1140
5. a) Windmill b) Public House c) Picnic Site d) Parking

Day 6 ANSWERS

Maths

1. 2, 4, 6, **8**
2. 3, 6, 9, **12**
3. 10, 8, 6, **4**
4. 4, **12**, 20, 28
5. **0**, 12, 24, 36
6. $\frac{1}{8}$, $\frac{3}{8}$, $\frac{5}{8}$, $\frac{7}{8}$
7. 35, 47, **55**, **63**
8. 28, **36**, **44**, 52
9. 39, **63**, **87**, 111

English

1. Pam should go home.
2. Bjorn ought to go to bed after brushing his teeth.
3. Jimmy won't be having chips tonight.
4. Can we go to the cinema later?
5. Monica will fetch the car.
6. After I've finished my work, can I have a break?
7. If she keeps trying hard, she might/may just have a chance.
8. The bitter cold makes it certain there will/must be icy roads tomorrow.

French

1. I like apples.
2. I don't like cake.
3. I hate carrots.
4. I love chips.
5. J'aime le poisson.
6. Je n'aime pas l'eau.
7. J'adore les chips.
8. Je déteste les pâtes.

Day 7 ANSWERS

Maths

1. 576g into kg **0.576kg**
2. 9.7l into ml **9700ml**
3. 875m into cm **87500cm**
4. 5.54kg into g **5540g**
5. 7646ml into l **7.646l**
6. 45.9cm into mm **459mm**
7. At the fabric shop, I bought 125 metres of orange fabric, 650cm of blue fabric and 450mm of pink fabric. When I got home I used 2.5metres of the blue fabric. How many cm of fabric do I have left in total. **12945cm**
8. I was making a fruit punch at the weekend. The recipe told me I needed 2 litres of lemonade, 700ml of orange juice, 400ml of pineapple juice and 1litre of tropical juice. How many ml of liquid will I have in total? **4100ml**

English

How is the scary character's appearance described?	What do the actions of the character tell you?
A hunched silhouette a white bold circle wisps of light grey hair	moving slowly but purposefully careful, agonising, creaking step

Various possible answers:

Staring silently at the young girl, the figure leaned forward and with his pale, gnarled hands, passed her the key. As menacingly as he arrived, the hooded figure reemerged into the darkness, his ghost like features disappearing from view.

French

Various possible answers:

Septembre, Octobre et Novembre sont en automne

September, October and November are in autumn

Je déteste le chocolat.

I hate chocolate.

J'aime la salade

I love salad.

Day 8 ANSWERS

Maths:

1. $A = 8\text{cm}^3$ $B = 12\text{cm}^3$
2. Yes. Both cuboids have a volume of 8cm^3
3. $A = 18\text{cm}^3$; $B = 24\text{cm}^3$
4. 16cm^3 is the odd one out because there is no cuboid that has this number of cubes.
5. False. It is 17cm^3
6. No. The cuboid would be 4 cubes long, 2 cubes wide and 2 cubes high. Its volume would be $4 \times 2 \times 2 = 16\text{cm}^3$

English and Science

Please submit your answers to : year 6@monkwickjunior.school

We would like to see them!

Day 9 ANSWERS

1. 34cm
2. 40cm

3. 36cm
4. ? = 3cm perimeter = 32cm
5. ? = 2cm perimeter = 26cm
6. ? = 1cm perimeter = 26cm
7. ? = 10cm perimeter = 30cm
8. ? = 4cm perimeter = 36cm

English: Planning a narrative.

Your plans may look different to this, but there are some example sentences in each box.

<p><u>Beginning</u> A clumsy teacher found an unusual shaped box at the bottom of her garden. It wasn't there the day before. Her dog barked at the box and it made a funny noise.</p> <p><u>Middle</u> Overnight the box opened itself and a small feather was inside. The feather was magic and transported the teacher to a mystical forest.</p> <p><u>End</u> A wizard had enchanted the feather to find a worthy adventurer to help rescue the forest from an evil troll. The teacher was this adventurer and saved the day.</p>	<p><u>expanded noun phrases, adverbs, adverbials of time</u> The golden box under the blanket hissed loudly. The tiny, delicate feather glistened in her hand. Early in the morning, the clumsy teacher stumbled to the bottom of the garden and hung out her washing.</p>
<p><u>Conjunctions, semi colons, colons</u> The teacher looked carefully behind her: she had an unusual feeling she was being followed.</p>	<p><u>Relative clauses</u> (who/which/that) The wizard, who feared for his mystical forest, clung to the idea that this clumsy adventurer could still be their saviour.</p>
<p><u>Passive voice</u> The hexagonal box was discovered by the teacher. A promise was made.</p>	<p><u>Spellings</u> Adventurer Mystical Enchanted Wizard</p>

PSHE: Road Safety



Please send your posters to:
year6@monkwickjunior.school

Day 10 ANSWERS

Maths

- 1) 582mm will be cut from 3rd length leaving 2.418m. 3 lengths will be needed, leaving a piece 2.418m long and 2 pieces 9cm and 6cm
- 2) 7500m
- 3) 33 minutes
- 4) £2.40
- 5) 96 whiteboards
- 6) 20 minutes

English

Check their writing against the Year 6 writing skills. This could be done as a task by the child as a reflection on their work.

Geography

Possible similarities:

- Still popular, people are still walking around the high street, although there seems to be more people now. This could be because the town's population has increased over the years.
- Still a wide road used to separate each side of the road. This could have stayed as it provides good transport links throughout town.
- Many of the buildings' appearances have been kept the same.

Possible differences:

- Cars and modern transport using the wide space as a road. Can not see any cars in the picture from 1891. This could be because the town has adapted to the invention of cars and automobiles as we know of them today.
- More commercial now than it was. The shops, restaurants and cafes line the high street, some with outdoor seating.