





Monday

- $8 + 90 + 0.04 + 0.7 =$
- $- 45 = 78$
- $(2 \times 3) + (6 \times 4) =$
- $4 \overline{)547}$
 R
- By how many ninths is $\frac{8}{9}$ greater than $\frac{2}{3}$?
- $€50 - €36.70 =$
- The chance of the arrow stopping on an odd number is in . 
- $5 \text{ hrs } 30 \text{ mins} - 3 \text{ hrs } 30 \text{ mins} =$
- Which is longer, $4\frac{1}{2}\text{cm}$ or 0.4m ?
- Round 6,939 to the nearest 100. 
- How many ml of liquid are in this jug?
- $(4 \times 3) \text{ } 2 = 24$ (+, -, ×, ÷)
- A man pays €33 for 10 litres of paint. Find the cost of 3 litres.
- Aidan went to bed at **8:20** and got up at **8:15**. Barry went to bed at **10:30** and got up at **8:15**. How much longer did Aidan spend in bed than Barry?
- A car uses 6 litres of diesel to travel 100km. How many litres of diesel will it take to travel 250km?
- Gary has 168 marbles. He gave $\frac{3}{7}$ of them to his friend and he lost 0.25 of them. How many marbles has he left?

Tuesday

- Add 0.7 to 1.62.
- How many minutes are there from **7:45** to **9:10**?
- Circle the number nearer to 950.
1,000 **910**
- $4.7\text{kg} =$ g
- How many lines of symmetry has a regular octagon? 
 Draw them in.
- $72 \div 8 \rightarrow 5 +$
- $2.6 + 0.5$ $3\frac{1}{10}$ (<, > or =)
- 70, 63, 56, , ,
- What is the value of the underlined digit: 17.68?
- $\frac{1}{4}$ of 24 added to $\frac{1}{2}$ of 10 =
- Find the area of this rectangle. 
- 3 bottles of water cost €3.21. 1 bottle costs .

A photograph of 8cm by 7cm is mounted on a card leaving a border of 3cm wide.



- Find the area of the photograph.
- Find the area of the card.
- Find the area of the border.
- What is the perimeter of the card?

Wednesday

1. $0.9 + 7 + 0.08 + 50 =$

2. $93 -$ $= 78$

3. $(7 \times 7) - (9 \times 5) =$

4. $\frac{457}{8} =$ R

5. By how many ninths is $\frac{5}{9}$ less than $\frac{2}{3}$?

6. $- €45.50 = €44.50$

7. $\frac{8}{9}$ of $= 64$

8. 9 hours 50 minutes
- 3 hours 55 minutes =

9. Which is heavier,
4.05kg or 4,500g?

10. Round 956 to the
nearest 100.

11. How many more ml
are needed to fill this
1-litre jug?



12. $(6$ $5) - 2 = 28$ (+, -, ×, ÷)

13. Four pairs of shoes cost €98.00.
How much should 3 pairs cost?

14. John walked 2.68km, cycled 8km
85m and travelled $6\frac{1}{4}$ km by bus. How
far did he travel altogether?

15. A table costs €99.
A chair costs €26.
How much does it cost to buy
one table and six chairs for
the kitchen?

16. My rectangular garden has a
perimeter of 90m. The length of the
garden is 30m. Find the width.

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Thursday

1. 321

$+ 248$

2. Name the 3-D shape that has
3 faces.

3. Round 48 to the nearest 10.

4. This is an
 angle.



5. $75 -$ $\rightarrow 25 + 35$

6. By how many twelfths
is $\frac{11}{12}$ greater than $\frac{3}{4}$?

7. $81 \div 9 \rightarrow 7 +$

8. $3.1 + 0.9$ $4\frac{1}{2}$ (<, > or =)

9. $\frac{7}{8}$ of 72 =

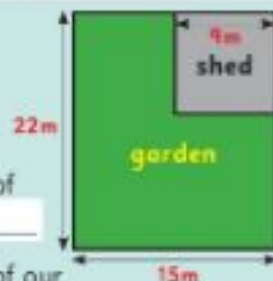
10. How many eighths in 2 units?

11. Find the perimeter
of this rectangle.



12. 4 car tyres cost €360.
1 tyre costs .

Dad recently built
a square shed in
our back garden.



13. Find the area of
our garden.

14. Find the area of our
garden shed.

15. What is the area of the remaining
garden space?

16. Mum decided to pave $\frac{1}{3}$ of the
remaining garden space. How much
of the garden will be paved?

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Chance

Probability is another word we use to describe the likelihood or possibility of something happening.

“Give peace a chance”
says John Lennon

Tick the word that best describes the probable outcome.

1.



Teacher will pick a **red** marker.

impossible possible certain

2.



Teacher will pick a **blue** marker.

impossible possible certain

3.



Teacher will pick a **green** marker.

impossible possible certain

4.



Teacher will pick a **red** marker.

impossible possible certain

Colour the marbles in each of these jars to make the outcomes **true**.
Imagine that your eyes are closed when you pick a marble from each jar.

5. I am more likely to pick a **green** marble and less likely to pick a **blue** marble.



6. I am more likely to pick a **red** marble and less likely to pick a **yellow** marble.



7. I am more likely to pick a **blue** marble and less likely to pick a **red** marble.



8. I am more likely to pick a **yellow** marble and less likely to pick a **green** marble.



Maths Fact 54 wooden blocks are used in an original game of Jenga.

Challenge If you removed 2 of the blocks from the bottom of a Jenga tower, what word would best describe the chances of it staying upright?

Chance

We have seen that some choices for **chance** may be divided into:

never

possible

always



However, some **possible** choices may be **likely** while others are **unlikely**. For instance, what are the chances of choosing a banana from this basket of fruit when blindfolded?

possible likely
 unlikely

Tick the box that best describes the probable outcome when choosing while blindfolded.

1. What are the chances of picking a **red** plum from this basket?



always possible (likely)
 possible (unlikely) never

2. What are the chances of picking a **green** apple from this basket?



always possible (likely)
 possible (unlikely) never

3. What are the chances of picking a **green** apple from this basket?



always possible (likely)
 possible (unlikely) never

4. What are the chances of picking a **yellow** plum from this basket?



always possible (likely)
 possible (unlikely) never

5. What are the chances of picking a **red** apple from this basket?



always possible (likely)
 possible (unlikely) never

6. What are the chances of picking a banana from this basket?



always possible (likely)
 possible (unlikely) never

Use one of the four options above to answer these.

7. The sky will be cloudy tomorrow. _____
 8. It will rain every day during July and August. _____
 9. St. Patrick's Day is celebrated in December. _____
 10. Christmas Day is celebrated in December. _____



D Grammar: Correct the Errors

Rewrite the following sentences correctly in your copybook.

1. I ca'nt go to school today.
2. What time is it.
3. We go to the cinema yesterday.
4. Catherine brother is called David.
5. There is a spider into the bathroom wall.
6. I study irish english maths history geography and music at school.
7. The words *plumer*, *lam* and *com* all have the silent letter b.
8. The words *rinkle*, *rote* and *rite* all have the silent letter w.
9. The words *nee*, *nock* and *nit* all have the silent letter k.
10. The weather this summer was even gooder than last summer.
11. Sara is the faster runner in her class.
12. Tom is smaler than Gerry, but Gerry is biger than Dad.
13. Mary skiped with her skiping rope in the school playground.
14. The flys are caught in the spiderweb.
15. The dentist examined all his tooth.

E Working with Sounds: Double Consonants

Double consonants are used to emphasise certain sounds within a word.

Draw this table in your copybook with six rows. Write five more words under each of the headings. The first one is done as an example.

Double b	Double d	Double p	Double t	Double r	Double m
bubble	middle	apple	little	barrow	mammy

F Extension Ideas

Rules are made so that people can live together without too many problems.

- (a) What do you call the rules in our society?
- (b) Who implements the rules in society?
- (c) What happens if you break the rules in our society?

G Writing Genre: Procedural Writing – See Portfolio Page 89

Write the instructions/rules/laws on how to play a game of your choice, e.g. basketball, football, hurling, volleyball, rugby, cards or rounders.



Cosmic

Liam is a 12-year-old boy but looks more like a man of about 30. Sometimes this helps him, as when he cons his way onto the first spaceship to take **cosmonauts** into space. This is a special flight for a group of children and an adult **chaperone** (guardian). And guess what? Liam is going as the adult chaperone! But he needs to tell his parents!



Pre-reading activities: Comprehension strategy – Skimming

- 1 Look at the illustrations. Describe what you think is happening.
- 2 Flick through the text for one minute. What can you tell about the story?
By quickly flicking through the text I know that ...

Think, Pair, Share: Comprehension strategy – Predicting

- 3 (a) What is this story about?
(b) Who are the main characters?
(c) Where is the story set?

During reading: Comprehension strategy – Predicting

Did you predict what the story was about?
I was right/wrong when I predicted that ...



A rocket, **launched** yesterday from a private site in northern China, is missing along with its **crew** of five. Yesterday the Internet was alive with **rumours** of a secret manned space **mission**. Today NASA and the Russian Federal Space Agency both **confirmed** that a rocket did take off but denied it was theirs. The rocket entered high orbit and then disappeared into 'deep space'. No manned rocket has left Earth's orbit since Apollo 17 in 1972.



Mum, Dad – if you're listening – you know I said I was going to the South Lakeland Outdoor Activity Centre with the school? To be completely **honest**, I'm not exactly in the Lake District. To be completely honest, I'm more sort of in space. I'm on this rocket, the *Infinite Possibility*. I'm about two hundred thousand miles above the **surface** of the Earth. I'm alright... ish. I know I've got some explaining to do. This is me doing it. I lied about my age. I sort of gave the **impression** I was about thirty. **Obviously** I'm more sort of thirteen-ish. On my next birthday. To be fair, everyone lies about their age. Adults pretend to be younger. Teenagers pretend to be older. Children wish they were grown-ups. Grown-ups wish they were children.

It's not like I had to try very hard, is it? Everyone always thinks I'm older than I really am, just because I'm tall. In St Joan of Arc Primary the teachers seemed to think that height and age were the same thing.



If you were taller than someone, you must be older than them. If you were tall and you made a mistake – even if it was only your first day – you got, ‘You should know better, big lad like you.’ Why, by the way? Why should a big lad know better just because he’s big? King Kong’s a big lad. Would he know the way to the toilet block on his



first day at school? When no one had told him? No, I don’t think he would. Anyway a few hours back the *Infinite Possibility* was supposed to complete a routine manoeuvre and basically it didn’t. It rolled out of orbit, wrecking all the communication equipment, and now we’re very lost in space.

I’ve got this mobile phone with me – because it had pictures of home on it. It’s got an audio-diary function. That’s what I’m talking into now. Unless you get this message you won’t know about this because we’re on a secret mission. They already told us that if it goes wrong they’re going to deny all knowledge of it.

When we got the manoeuvre just slightly wrong – just slightly enough to make us completely doomed – they all screamed for about an hour and then they dozed off. I can’t sleep. I can’t get comfortable in sleeping bags because they’re always too small for me. Plus, I think if I stay awake I might have an idea. And save us all. That’s why I’m recording this on my Draxphone. If I do get home, I’m going to give it to you and then you’ll understand how I ended up in deep space when



I said I was going pond dipping in the Lake District.

If you are listening to this though, and you are not my mum and dad, you are **probably** a pointy-headed, ninety-legged, sucker-footed **alien**, in which case can I just say, 'Hello, I come in peace. If you happen to have the **technology**, would you mind posting this to: Mr and Mrs Digby - 23, Glenarm Close, Bootle, Liverpool 22, England, The Earth, Solar System, Milky Way, *et cetera*. If it's not too much trouble.'



The slightly worrying thing is that I am sort of enjoying this. Being doomed is Not Good. But being **weightless** is Outstanding. Every time I lean forward I do a perfect **somersault**. When I stretch my arms in the air I **levitate**. Back on Earth my only special skills are being above **average** in maths and height. Up here I've got so many skills I'm **practically** a Power Ranger. Then there's the stars.

From *Cosmic* by Frank Cottrell Boyce

Post-reading activity: Comprehension strategy - Predicting

- (a) What do you think will happen next?
- (b) Will Liam get back to Earth?

A A Little Light Thinking

1. How many crew members are on board the rocket?
2. What agencies confirmed that the rocket took off into space?
3. What is Liam using to record his message to his parents?
4. Why can't Liam sleep like the other crew on board the rocket?
5. Where do Liam's parents, Mr and Mrs Digby, live?
6. What is Liam really enjoying about being weightless?

B Deeper Thinking

1. In what way does looking older help Liam get into space?
2. Why do you think Liam didn't tell his parents the truth about where he was going that morning?
3. What happened to the *Infinite Possibility* to cause it to get lost in space?
4. Why do you think the other crew members have gone to sleep?
5. What idea do you think Liam might have to save himself and the crew?
6. How do you think Liam's parents will react when they get his message?



What do the letters NASA stand for?

C Vocabulary Work: More Alphabetical Order

Remember: When words start with the same first two letters, look at the third letter to put them in alphabetical order, e.g. course, cosmic, control = control, cosmic, course. Sometimes, you may even have to look to the fourth letter to get your answer.

a b c d e f g h i j k l m n o p q r s t u v w x y z

Rewrite the following words in alphabetical order.

1. cosmic, control, complete, course, cockpit
2. private, pretend, power, possibility, post
3. south, somersault, solar, sort, space
4. modern, mobile, manoeuvre, missing, mistake
5. written, wrong, wrecking, wrung, wrath
6. rocket, ranger, round, rotate, rate
7. honest, how, hour, home, hopeless
8. action, audio, age, agency, astronaut
9. important, infinite, internet, impression, image
10. technology, test, thousand, thirty, thirteen





An tAm

a haon a chlog 1:00 	a dó a chlog 2:00 	a trí a chlog 3:00 
a ceathair a chlog 4:00 	a cúig a chlog 5:00 	a sé a chlog 6:00 
a seacht a chlog 7:00 	a hocht a chlog 8:00 	a naoi a chlog 9:00 
a deich a chlog 10:00 	a haon déag a chlog 11:00 	a dó dhéag a chlog 12:00 
ceathrú tar éis a dó 2:15 	leathuair tar éis a dó 2:30 	ceathrú chun a trí 2:45 

Cén t-am é?

- 5:00** Tá sé _____ . **11:15** Tá sé _____ .
9:30 Tá sé _____ . **1:45** Tá sé _____ .
8:15 Tá sé _____ . **6:30** Tá sé _____ .

Criochnaigh na habairtí.

- D'ith mé mo bhricfeasta ar _____ . **8:00**
- Chuaigh mé ar scoil ar _____ . **8:45**
- D'ith mé mo lón ar _____ . **12:30**
- Chuaigh mé abhaile ar _____ . **3:00**
- D'fhéach mé ar an teilifís ar _____ . **4:15**

