



Inspire Bulletin 49 – 12th May 2023



Welcome to the next edition of the Inspire bulletin! We hope you enjoy reading it!

Words of the week

Lethargic (adjective): affected by lethargy; sluggish – *The student felt **lethargic** after a hard day at school.*

Publicity (noun): Attention given to someone/something by the media – *Her Guinness World Record attracted a lot of **publicity** in the press.*

Thinking Challenge

Years 3 & 4 - A cat has three, a dog has three, but a school has six.

What is it?

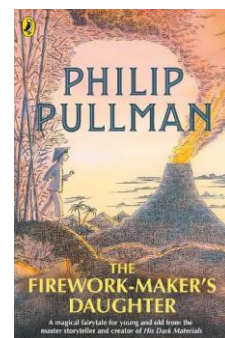


Years 5 & 6 - In a fruit bowl, there are two types of fruit. If you jumble the letters of one, you can spell the other. What are the two fruits?

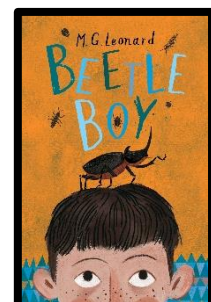
Recommended Reading

Years 3 & 4 – The Firework Maker’s Daughter by Philip Pullman - Lila doesn't just want to be a Firework-Maker's daughter, she wants to be a Firework Maker herself. But although she's learned a lot she still must get through the most difficult and dangerous part of her apprenticeship - and her father won't tell her what it is.

In search of this final Firework-Making secret, Lila heads off alone on a journey. It is a journey filled with dangers beyond anything she could have imagined, a journey on which she will learn so much more than the one secret she set out to find . . .



Years 5 & 6 - Beetle Boy by M. G. Leonard - Can a boy be best friends with a beetle? Thirteen-year-old Darkus Cuttle’s search for his kidnapped father leads him to discover a mountain of extraordinary beetles, and pits him against the mad-scientist of the fashion world, Lucretia Cutter, an haute couture villainess with an alarming interest in insects.



Wellbeing

Peaceful Cave- Close your eyes, be very still and imagine you are sitting all alone in a quiet cave, looking out on to a sandy beach where peaceful children are collecting shells. You can hear the sound of the waves, lapping against the shore. Listen to the seagulls calling, as they fly around in the clear blue sky. If you listen very carefully, you might be able to hear the crabs scuttling lightly across the sand. Can you hear them? As you sit here in this quiet cave, you feel completely safe and very peaceful. Let this lovely feeling of peace wash over you. You feel very protected and safe inside your special cave. Repeat to yourself in your mind *I am safe I am safe*.



There is absolutely no sound inside this cave. Be very, very still. Be very, very silent. How silent can you be? You don't need to do anything or go anywhere, but just enjoy this deep, deep silence. Take a deep breath in and then breathe out slowly. See if you can be so still and quiet you can hear your heart beating. Stay in your quiet cave for as long as you wish.

And now, when you are ready, wiggle your fingers and toes, have a big stretch and open your eyes.

Maths

Years 3 & 4 When Lisa was 6 years old, her sister Lucy was half her age. If Lisa is 40 years old today, how old is Lucy?

Years 5 & 6

What is 40 divided by $\frac{1}{2}$, plus 15?

Hint: When you divide a number by a fraction, you invert the fraction and multiply the original number by the inverted fraction.

So here, $40 \div \frac{1}{2}$ becomes $40 \times \frac{2}{1}$ (40 multiplied by 2)

Can you find four consecutive prime numbers that add up to 220?

Inspiring Women

Fatima Whitbread MBE Born in London, Fatima spent her first 14 years in a variety of care homes. She took up javelin throwing at the age of 11 and went on to break the javelin world record with a throw of 77.44 m in the qualifying round of the 1986 European Athletics Championships in Stuttgart. She became the first ever British athlete to set a world record in a throwing event



Answers

Thinking Challenges

Years 3 & 4

Q: A cat has three, a dog has three, but a school has six. What is it?

A: *Letters*

Years 5 & 6

Q: In a fruit bowl, there are two types of fruit. If you jumble the letters of one, you can spell the other. What are the two fruits?

A: *Melon and lemon*

Maths

Years 3 & 4

When Lisa was 6 years old, her sister Lucy was half her age. If Lisa is 40 years old today, how old is Lucy?

A: *Lucy is 37. Lucy was half Lisa's age when Lisa was 6, so she was three. This means there is a 3 year age gap between them. Therefore, Lucy's age now is Lisa's age minus 3, which is $40-3=37$.*

Years 5 & 6

Q: What is 40 divided by $\frac{1}{2}$, plus 15?

Hint: When you divide a number by a fraction, you invert the fraction and multiply the original number by the inverted fraction.

So here, $40 \div \frac{1}{2}$ becomes $40 \times \frac{2}{1}$ (40 multiplied by 2)

A: $(40 \times 2) + 15 = 95$

Q: Can you find four consecutive prime numbers that add up to 220?

A: *47, 53, 59, 61*