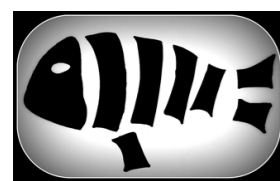
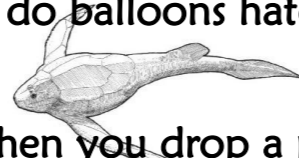


Jokes



- 1 Q: What is a cow's favourite movie?
A: The sound of mooosic.
- 2 Q: What type of music do balloons hate?
A: Pop music.
- 3 Q: What do you get when you drop a piano down a mine shaft?
A: A flat minor.
- 4 Q: Why did the chicken join the band?
A: Because he already had drumsticks.
- 5 Q: What do you call a musical insect?
A: A Humbug
- 6 Q: What is the best Christmas present in the world?
A: A broken drum - you just can't beat it.
- 7 Q: What is the difference between a piano and a fish?
A: You can't tuna fish.
- 8 Q: Why did the pianist keep banging his head against the keys?
A: He was playing by ear.
9. Q: Why is a piano so hard to open?
A: Because the keys are on the inside.
10. Q: Why did the singer climb a ladder?
A: To reach the high notes.
11. Q: Why was the fish a good musician?
A: It knew its scales.
12. Q: What makes songs but never sings?
A: Notes.



We would love your input. Send your colouring in, questions, or even photos to us via our snail mail address (P.O Box 216 Canowindra NSW 2804) or by email (fish@cabonne.nsw.gov.au). We can't wait to hear from you.

Little Fossils Kids Club

Spring 2023



Welcome to our Spring 2023 newsletter. Our topic is Sound. When particles vibrate, sound moves along the particles as a wave to our ear. Sound affects our mood and is important for communication (e.g radio), medicine (ultrasounds) and for depth detection in oceans (Sonar).

Unscramble the uses of sound below:

- 1 ___OCKCLARMAL_____
- 2 __PSIRENOLICE_____
- 3 _SONAR_____
- 4 _VITSIONELE_____
- 5 _MPOHBOINELE_____

Answers 1. Alarm clock 2. Police Siren 3. Sonar 4. Television 5. Mobile phone

Name five careers relating to sound eg Musician.

.....

.....

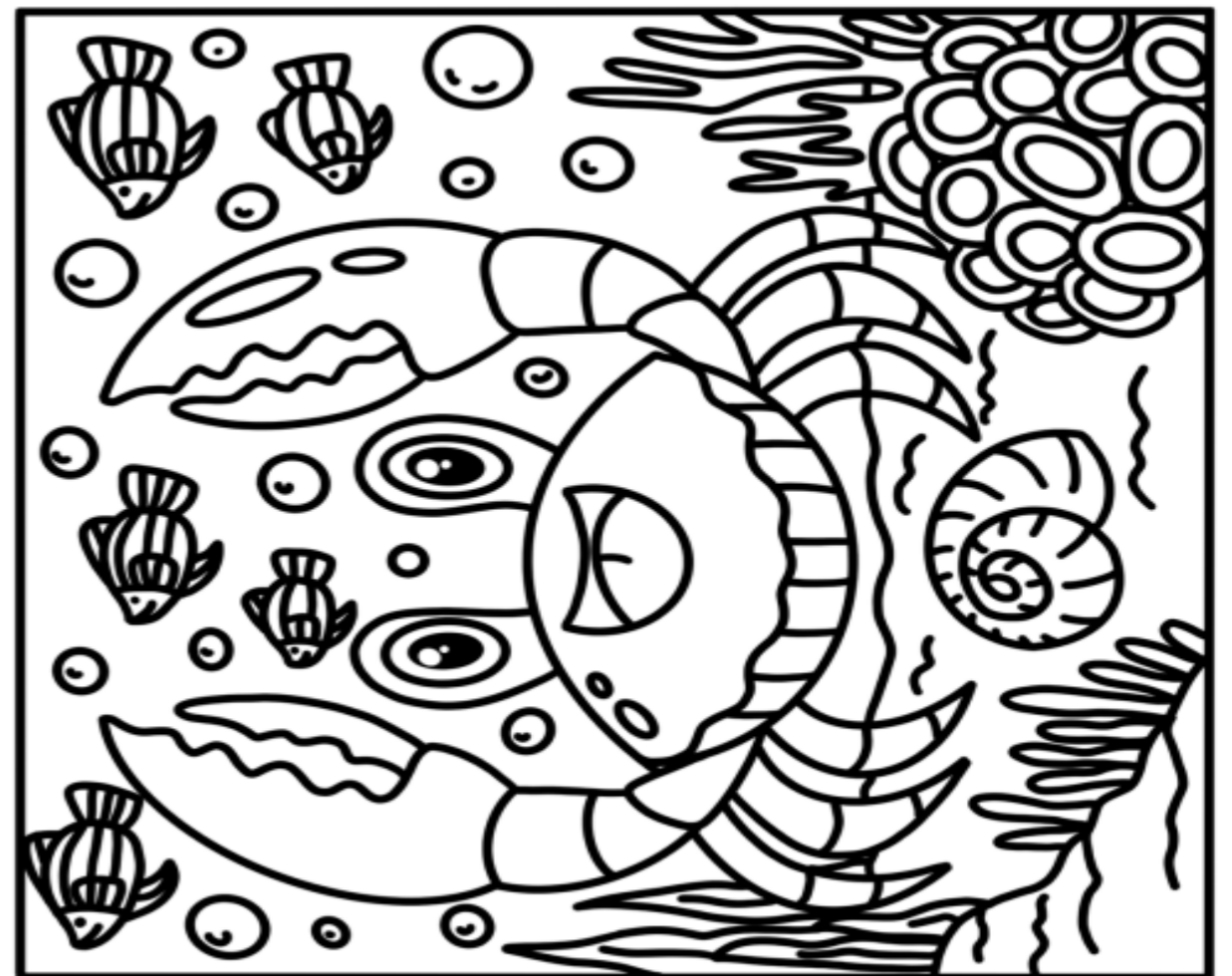
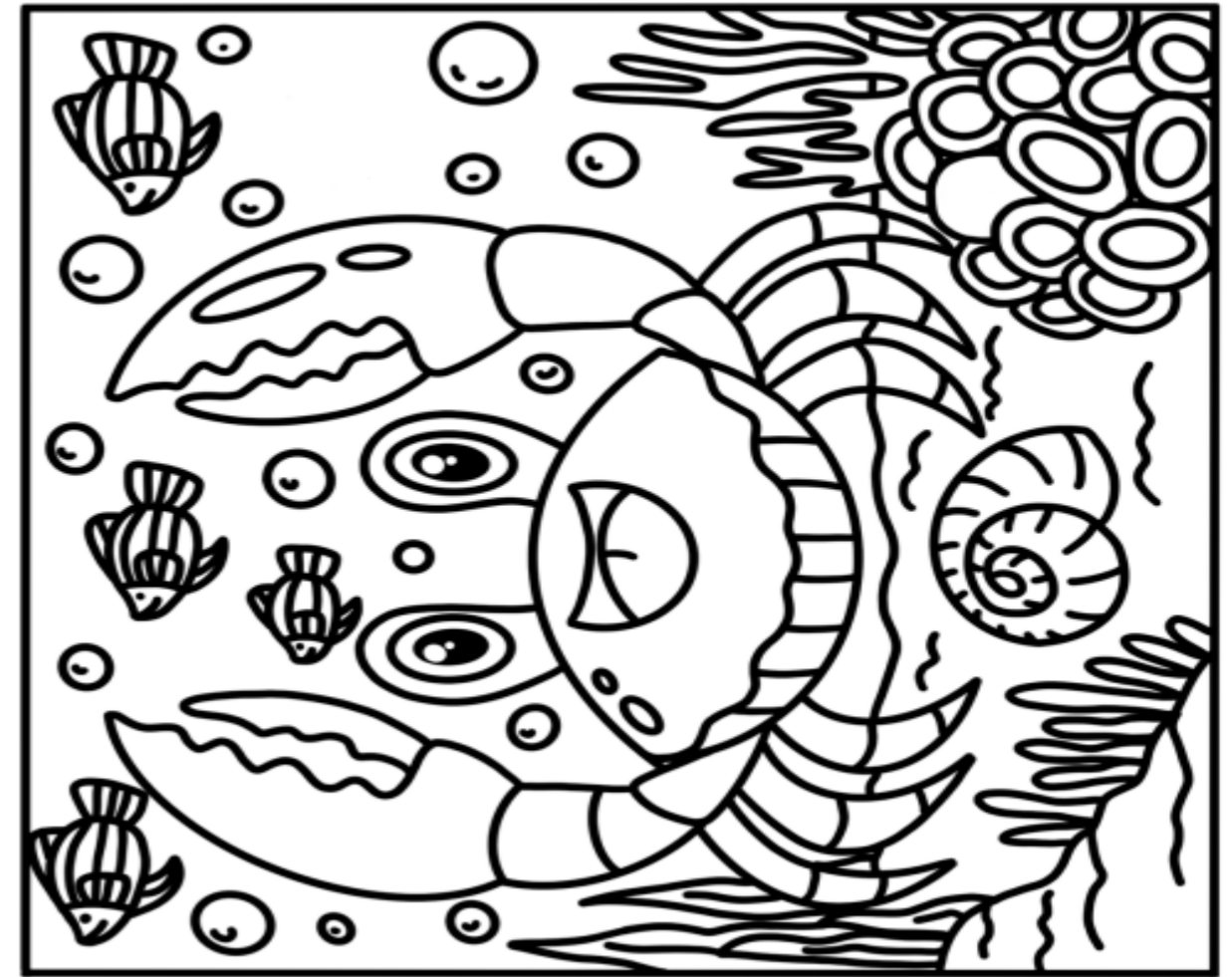


DID YOU KNOW?

SOUND FACTS

1. Sound moves by particles vibrating through solids, liquids or gases. It travels at 335 metres per second in air.
2. Sound travels four times faster in water than in air.
3. There is no sound in Space as it contains few particles.
4. Sound is reflected to form an echo.
5. Sound travels slower than light.
6. During a thunder storm, you always see lightning before you hear the thunder.
7. Sound is measured in decibels. Sounds above 85dB can harm your ears.
8. Speaking is measured at 60dB, rock concerts can reach 130dB!
9. Scientists use sound waves (SONAR or Sound Navigation and Ranging) to measure the depth of the ocean. They send out sound waves and record how long it takes for the wave to return.
10. Ships and submarines use SONAR to navigate the ocean, chart the seabed and look for sunken vessels.
11. Dogs hear much higher sounds than humans.
12. Bats and dolphins hear much lower sounds than humans.
13. The three smallest bones in our body (the hammer, anvil and stirrup) are in the ear. They are the size of a pea and help us to hear sound.
14. Flies cannot hear at all!
15. The eruption of Krakatoa in 1883 was the loudest sound in human history. It was heard across almost 8% of the whole world!
16. Fighter jets travel faster than the speed of sound and this is called breaking the sound barrier.
17. Dairy cows listening to music during milking release more milk.
18. High pitched sounds (ultrasounds) are used in medicine to see a pregnant mother's baby and to destroy brain tumours.
19. Sound can be used as a warning, eg a hissing cat.
20. Dolphins and bats navigate using sound.
21. Sound can affect our mood and emotions.
22. Birds and whales talk to each other via sound.
23. 105dB sounds can break glass.

Can you spot the 5 differences?



Science at Home

Xylophone Water Jars

Musical instruments are fun to make. This activity shows that varying water levels can change the pitch of the sound created.

WHAT YOU NEED

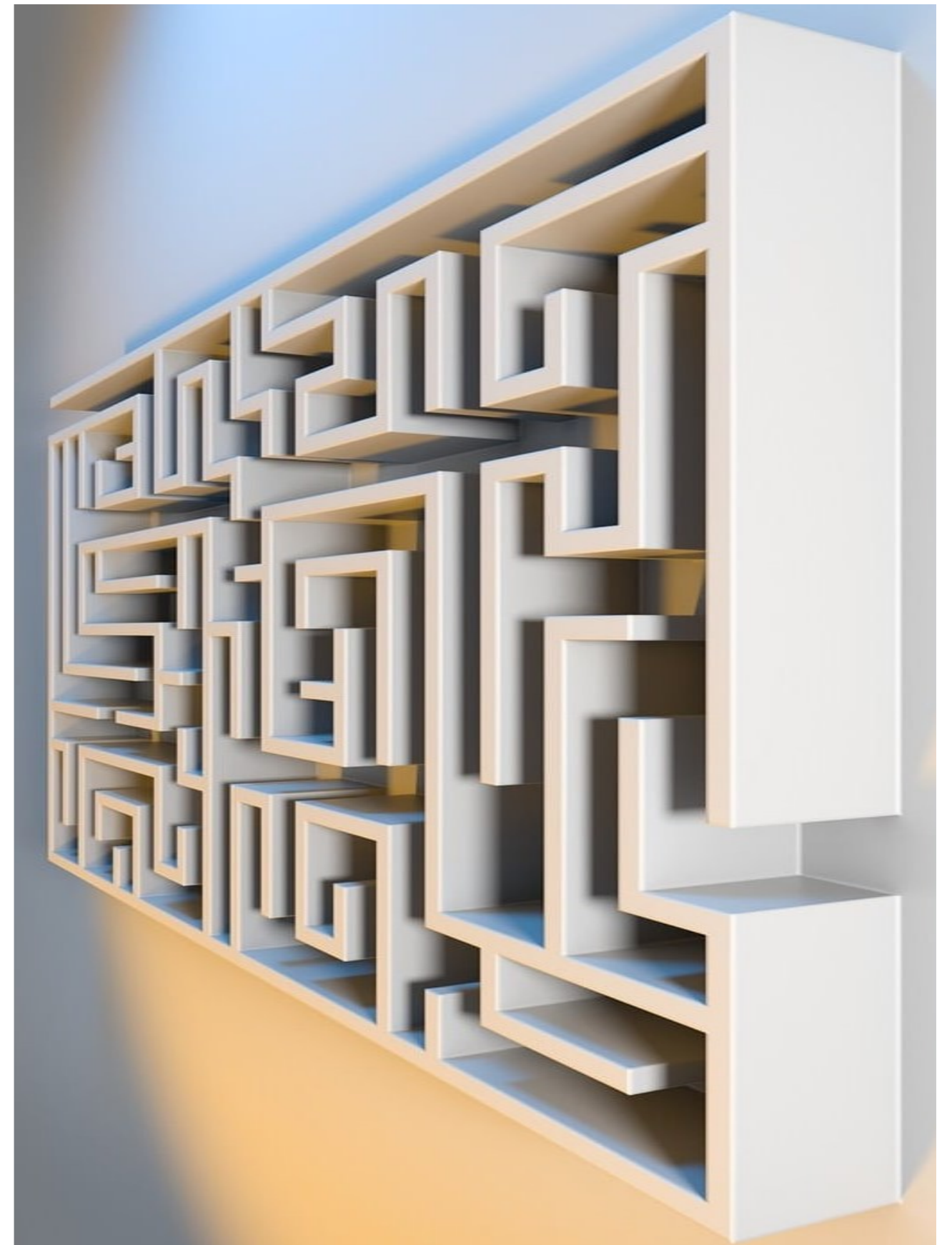
- 5 glass jars.
- 5 food colours.
- Water and a spoon.

METHOD

1. Fill the jars with different amounts of water.
2. Add a few drops of food colouring to each jar.
3. Tap the outside of each jar with the spoon.
4. Which jars have the highest or lowest pitch?



Work your way through this 3D maze.



CHALLENGE SPACE

Drawing Challenge

Challenge yourself

Colour in this image and send it to the Age of Fishes Museum for a chance to win a prize.

1. Enjoy an ice cream sundae party.
2. Be a tourist in your own town.
3. Invite friends to a dance party.
4. Have a dress up day.
5. Make home made pizzas.
6. Play old fashioned board games.
7. Run through a set of sprinklers.
8. Visit a farmer's market.
9. Volunteer.
10. Visit a library.
11. Make shadow puppets and put on a show.
12. Make and float paper boats.
13. Make yummy smoothies and milk shakes for the family.
14. Go to the movies.
15. Plant some flower and vegetable seeds.
16. Play snap and other card games.
17. Visit an aquatic centre.
18. Decorate and eat some cup cakes.
19. Buy a face painting kit.
20. Visit a skate park.
21. Pick strawberries at a farm.
22. Make a card for someone special.
24. Learn another language.
25. Have a day at the beach.
26. Turn off the tv and screens and get out there!

