WRITTEN BY RON SHAW
Science Research Puzzles
Vol 1.
for 7-10 year olds
Designed for WWW research

THE ACTIVITIES IN THIS BOOK ADDRESS MANY OUTCOMES IN THE SYLLABUS
Acknowledgements

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Teachers Notes

This book features twenty crosswords, each on a different theme of Science. They provide excellent supplements to core learning activities.

The puzzles require students to research the internet or reference books to obtain some clues’ answers. As such, they are ideal to work on in library sessions, make excellent home assignments, and are suitable activities for fast finishers.

Students will enjoy finding answers to the clues. If an answer is already known it can be printed on the crossword directly; if not known, a few key words typed into a computer’s search engine will bring up the solution.

Teachers choosing to use many of the puzzles with one class may ask their students to keep each of the completed two-page puzzles together in one place... perhaps pasted in an activity file or homework book.

Ideas

Follow-up:
About a week after every student has completed a crossword give the class a check-up test by asking them the crossword questions. Students write their one-word answers in their books or on a piece of paper.

Research Plus!
Under each crossword there is room for the student to write something of interest –over and above the clues’ solutions- about the topic. If read out to the class everyone’s knowledge will be broadened.

Incentive:
Award a small prize for the neatest completed crossword with all solutions correct.

Create Your Own Science Crossword:
Using the blank crossword at the end of the book your students can create their own Science Crossword Challenge. They can swap these with classmates.
Magnetism and Electricity

Something else I discovered about Magnetism or Electricity

..................................................................................................................................................
- Across –

3) The two _________ of a bar magnet are at the magnet’s ends.

4) Magnetic Device initials

5) A battery can cause an electrical current to _______ along a copper wire.

7) Safety Switch initials

9) Alternating Current initials

10) In the above diagram it can be seen that the magnet is surrounded by a magnetic _________.

13) A magnet has _________ poles.

14) Magnetic Field initials

15) Direct Current initials

17) This metal wire or strip melts when there is too much current, thereby protecting all the parts of the circuit.

19) The flow of electric charge.

22) When two bar magnets are placed close together it can be seen that unlike poles _________ each other.

23) A magnet will _________ small metal objects toward it.

- Down -

1) This common substance is a poor conductor of electricity.

2) When two bar magnets are placed close together it can be seen that like poles _________ each other.

6) We should keep electrical appliances away from the shower or bath because _________ is a good conductor of electricity.

8) An electrical circuit may be turned on or off with a __________.

10) A word with a similar meaning to ‘power’.

11) To save energy we should turn lights _______ when they’re not needed.

12) How many north poles does a bar magnet have?

16) Things made of _________ will be attracted to a magnet.

18) We must be careful to avoid getting an electric _________ when near electricity.

20) Electrical Resistance initials

21) Electrical Power initials
### Force and Gravity

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| 23|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Something else I discovered about Force and Gravity**

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**Force and Gravity**

**- Across -**

3) Frictional Heat  
5) Does the moon have more gravity or less gravity than Earth?  
7) A tall lifting machine.  
9) Powerful Forces  
10) A planet and a moon that are _______ to one another have a greater gravitational pull than a planet and a moon that are far apart.  
11) Force is needed to push as well as to _______.  
13) Would you weigh more on the moon than you do here on Earth?  
14) Gravitational Pull  
15) Only a ______ force is needed to move a tiny object a tiny distance.  
16) Frictional Effect  
19) Sometimes weight is called _______ .  
20) Applied Motion  
22) Which has more gravity, Earth or sun?  
23) _______ force is needed to move heavy objects than light objects.

**- Down -**

1) Isaac _______ discovered the Law of Gravity.  
2) Gravity causes things to _______ to the ground.  
4) We cannot see gravity; nor can we _______ it.  
6) An astronaut, away from Earth’s gravitational pull, will float in _______.  
8) When a heavy object is moved by a strong force it builds up a lot of _______.  
11) There is a gravitational pull between each of these and the sun.  
12) A crane is used to _______ heavy things.  
17) Another word for ‘lift’ (as in the last question).  
18) Gravitational Attraction  
21) Which has the least gravity: sun, Earth, moon?
### Science Research Puzzle No. 3 Space and the Universe

- **Across** -
  1) The closest planet to the sun.
  4) The beautiful ringed planet.
  6) Uranus and Neptune are made of this.
  7) Some stars are bright; others are _____.
  11) Our galaxy is in the shape of a ______.
  13) Nothing travels faster than this.
  14) Unidentified Flying Object initials
  16) Largest planet in the solar system.
  17) How many planets between Mars and Saturn?
  19) Earth _________ on its axis.
  21) The 2\(^{nd}\) planet from the sun.
  23) How many moons orbit Earth?
  24) Earth orbits the sun in one ________.

- **Down** -
  1) The ‘red planet’.
  2) Jupiter has a giant _____ spot.
  3) Young Galaxies. _Initials_
  4) Solar System initials
  5) Do scientists think that the universe is more than 20 billion years old?
  8) The moon reflects the sun’s ________.
  9) Eight major planets _________ the sun.
  10) A former planet far from the sun.
  11) Proxima Centauri is one.
  12) Halley and Hale-Bopp are both _____.
  15) Regal Jupiter initials
  18) Invisible force between Earth and the moon.
  20) Light takes how many years to travel to us from a star 10 light years away?
  22) The centre of our solar system.
  23) First syllable of ‘orbit’.
**Science Research Puzzle No. 4**

**Birds & Flight**

*Something else I discovered about Birds & Flight*

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- Across -

1) Most birds –and all planes– are capable of this.
3) These birds are thought to be wise.
4) A large black bird; a raven.
5) Birds lay their eggs in a ________.

7) Plumage.

11) Talons.

13) Migrating birds travel thousands of kilometres. Then they ________ at their destination.

15) A baby bird hatches from this.

17) Bird’s mouth.

18) A pod of dolphins; a ________ of birds.

19) The albatross flies for long distances over the ________.

- Down -

1) This is a bird of prey.

2) Claws.

3) ‘Crow’ ends with and ‘owl’ begins with these letters.

6) The peacock has a long ________.

8) The wings of a bird flap against the _____.

9) This means to float or be suspended in the air.

10) To rise to a great height.

11) Baby birds.

12) Many birds, just like dogs, can _____ their tail.

14) A crow.

15) These large Australian birds cannot fly.

16) Most birds can do this expertly.
Science Research Puzzle No. 5
Light, Sound and Heat

Something else I discovered about Light, Sound OR Heat

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- Across –

3) Ultra Violet  

5) This (an examples is tin) is a good conductor of heat.

6) Super Sonic  

7) When water freezes it becomes ______.

8) Our main source of light and heat is the ______.

9) Soundwaves cause this thin membrane in our ear to vibrate.

11) The distance that light travels in a year is how many light years?

12) Totally Reflective  

14) What a bell does.

16) What a lion does.

18) When it grows dark these black parts of our eyes enlarge to let in more light.

20) Heated substances may melt or boil. Cooled substances may ________.

- Down –

1) Light allows us to see a ____________ of ourselves in a mirror.

2) Heated ________ boils at 100°C.

4) Sight.

8) Our eyes are our organs of _________.

9) Our organs of hearing.

10) In what units is temperature measured?

13) Light ______ are emitted from the sun.

15) Both light and sound travel in ________.  

17) This metal is a very good conductor of heat.

19) Does warm air usually go up or down?
## Science Research Puzzle No. 6

### Creatures of the Deep

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**Something else I discovered about Creatures of the Deep**

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Science Research Puzzle No. 6

- Across -

1) A common species of fish.  
5) Aquatic Crabs  \textit{initials}

6) This unusual-looking creature is related to the leafy sea dragon.  
8) Red Tuna \textit{initials}

9) Swordfish have a very _______ snout.  
11) Seals and sea lions use these to help them move in water and on land.

12) A fish uses this to change direction.  
14) This highly intelligent creature has eight tentacles.

15) A fish’s body is covered with these.  
18) Fish are found in rivers, lakes and the _______.

19) Tasmanian Salmon \textit{initials}

21) The fish in the crossword picture has a _______ snout. \textit{rhymes with jointed}

- Down -

1) Goldfish are members of the _______ family of fish.

2) 1\textsuperscript{st} syllable of octopus.

3) Shells sometimes get washed up on the _______.

4) A snake-like fish.

6) A cephalopod with 8 arms and 2 tentacles.

7) Manta _______ are huge creatures found near tropical reefs.

10) Fish breathe through these.

11) These help fish to steer and they provide balance.

12) Bivalves are molluscs with shells in _____ parts.

13) Some people have been lucky to see dolphins at _______ in the surf. \textit{rhymes with day}

16) They walk sideways.

17) This browny-green plant often gets washed up on the shore.

19) How many points on a fish’s tail?

20) Trawler boats catch fish in a _______.
# Science Research Puzzle No. 7

## Dinosaurs

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### Something else I discovered about Dinosaurs

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Science Research Puzzles for 7-10 year olds

Science Research Puzzle No. 7 Dinosaurs

- Across -
1) 1st syllable of Diplodocus.

8) 1st three syllables of Stegosaurus.

9) Fossils may be footprints, imprints or ________.

10) Dinosaur Motion initials

11) Dinosaurs lived during this period. begins with J

15) Some herbivorous dinosaurs ate the ________ of trees and other plants.

16) A huge carnivorous dinosaur was Tyrannosaurus ______.

17) Write the syllable in ‘Triceratops’ which means ‘three’?

18) Any animal that walks on two legs is a ________.

- Down -
2) A herbivore is a ________ eater.

3) Ancient animal remains.

4) T-Rex had razor-sharp ________ up to 18cm in length.

5) Omnivores’ ________ consisted of meat as well as plants.

6) A Pterosaur (or Pterodactyl) looked like a giant ________.

7) T-Rex used its great ________ for balance.

12) T-Rex had one of these at the back of each foot.

13) The name Velociraptor is often shortened to ________.

14) Some scientists believe that the extinction of the dinosaurs came about when an ________ collided with earth.

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## Science Research Puzzle No. 8

### Weather and Climate

**Something else I discovered about Weather and Climate**

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- Across -

1) This storm with fierce winds is known as a twister.

4) When a cloud is in contact with the ground we have ______.

5) Our planet.

9) Small lumps of ice that fall from the sky during a storm.

11) Atmospheric discharges of electricity that occur during thunderstorms.

12) You may see one of these fall from a tree in autumn.

16) Drops of water that fall to the Earth from clouds.

17) High mountains often have ________ peaks.

- Down -

1) What a thermometer measures.

2) This often has its beginning in hills or mountains and it flows to the sea.

3) Farmers need more than a _______ of rain to grow their crops.

6) This can sound like a sharp, loud crack or a long, low rumble.

7) 1st two letters of ‘hail’.

8) In wet weather we must take care not to ______ when moving quickly.

10) A hailstone looks like a small white ______.

13) Constant heavy rains can result in a ________.

14) If the ______ darkens it may be a sign that a storm is approaching.

15) If the temperature outside is neither too warm nor too cool it is ______.

17) People who like to ______ in the mountains look forward to snowfalls.

18) What hailstones are made of.

20) Ultra Violet ______ initials
# Science Research Puzzles for 7-10 year olds

## Science Research Puzzle No. 9

### Mammals Large and Small

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**Something else I discovered about MAMMALS**

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**Science Research Puzzle No. 9 Mammals Large and Small**

- **Across** -
  1) Chinese bear.
  2) A sea mammal.
  4) A female one is called a doe.
  5) A hippopotamus likes to roll in _____.
  8) What carnivores eat.
  9) This member of the big cat family can be found in both North and South America.
 11) This animal looks like a small horse but has longer ears than a horse. *(it is a domesticated donkey).*
 12) Rabbits dig these. *plural*
 16) These are small rodents.
 17) Most mammals have a covering of _____.

- **Down** -
  1) A small marsupial.
  3) Animals that prey on other animals. *plural*
  6) What beavers build. *plural*
  7) The long hair on the neck of mammals such as the horse and male lion.
  9) Female gender of cattle. *(opposite of bull)*
10) Mammals that gnaw and nibble (such as mice, rats, squirrels and beavers) are _________. *(plural)*
13) Plural of ox.

14) This large buffalo-like mammal of North America has a shaggy mane and short curved horns.
15) Are mammals warm blooded or cold blooded?

19) A type of antelope. *rhymes with shoe*
20) A male sheep.
21) Mammals’ breathing organs.
18) Kangaroo *abbreviation*
Mini Beasts (Creepy Crawlies)

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Something else I discovered about Mini Beasts

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- Across -

1) A butterfly or moth was once a ____________.

2) Spiders are not insects and neither are scorpions. They are both ____________.

3) Entomological Studies ________

4) These small insects live in large groups called colonies.

5) This young of a louse is sometimes found in hair.

6) Spiders have this many legs.

7) 1st syllable of ‘insect’.

8) Small lizards can bend and weave. A word with similar meaning to these is ________.

9) This slow-moving mollusc with a coiled shell leaves a silver trail behind it.

10) This arachnid has a sting.

11) Spun by a spider.

12) This small insect looks like a tiny fly. Its name rhymes with rat.

13) Where bees live and work.

14) Made by silkworms.

15) This common insect can fly but is usually seen on the ground. It has a horny covering and biting mouthparts.

16) A caterpillar moves with this motion. ________

17) A ________ of bees.

18) Soft, crawling insect larvae such as grubs.

19) A stinging insect.

20) Flying insects spend time on the ground as well as in the _____.

21) Termites are considered a ________ because they eat through wood.

22) There is much activity in and around an ants’ ________.
Science Research Puzzle No. 11

Violent Earth

Something else I discovered about Our Violent Earth

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Science Research Puzzle No. 11 **Violent Earth**

**- Across -**

1) A wave in the ocean generated by an earthquake.

3) The centre of Earth is its core, the outer layer is its ________.

5) A small earthquake.

6) This flows down the side of an erupting volcano.

8) Caused by the coming together of two tectonic plates beneath the land or sea.

9) Hot ash, gases and molten ________ are ejected from erupting volcanoes. **plural**

12) This mountain ejects molten rocks, lava, ash and gases into the atmosphere.

13) In 1906 San Francisco in the United States experienced a violent earthquake. What are the initials of San Francisco?

15) Cyclonic Conditions **initials**

16) When a volcano erupts some people say it “blows its ________”.

17) Molten rock and lava both contain a lot of ________.

19) A hurricane is a powerful wind ________.

**- Down -**

1) A twister.

2) Volcanoes eject hot ash, gases and rocks into the ________.

3) The opening at the top of a volcano.

4) Seismic Reading **initials**

7) Natural Atmospheric Turbulence **initials**

10) A storm with destructive winds and heavy rain.

11) An earthquake can cause solid buildings to __________. **rhymes with take**

14) Very heavy rains can cause a ________.

17) Molten rock is very ________.

18) In the centre of a cyclone the ________ pressure is very low.
Science of the Environment

**Somewhere else** I discovered about **Science of the Environment**

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- Across -

1) High up in the mountains the air is ________, not polluted.  opposite of stale
5) We breathe in this gas.
6) We get this from the food we eat.
10) Environmental Awareness initials
11) A large floating mass of ice.
14) Exhaust fumes from motor vehicles and emissions from chimneys can __________ the atmosphere.
16) Roads can be _____ after a hailstorm.
17) Is our planet becoming more cool or more warm?

- Down -

2) Producing enough __________ for a city can result in a lot of waste products such as air pollution.
3) Human Consumption initials
4) A source of energy is hydroelectric ____.
7) People in over-populated lands are often forced to bathe in _______ that is polluted. rhymes with daughter
8) A molecule of water (H₂O) has one oxygen atom and ______ hydrogen atoms.
9) Energy from the sun is _______ energy.
12) Animals breathe it out. Plants breathe it in. It is __________ dioxide.
13) Rather than throwing papers, plastics, cans and bottles away it is better to _________ them.
15) Deep wells are drilled on land and at sea to retrieve this.
17) Energy can be produced by tall ______ turbines whose blades turn quickly.
19) Paper that can’t be re-used may be put in the _____.
21) Same as 10 Across.

18) The burning of fossil fuels such as ________ causes a lot of carbon dioxide to enter the atmosphere.
20) To keep good health we need air and water that are ________.
22) Dirty water goes down the ________.
Science Research Puzzle No. 13

Reptiles and Amphibians

Something else I discovered about Reptiles and Amphibians

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Science Research Puzzle No. 13 Reptiles and Amphibians

- Across -

3) A snake might __________ into the grass.  *rhymes with dither*

6) A common habitat for frogs.

8) These reptiles appear in Australian aboriginal art and have been an important source of food for them.  *plural*

10) The young of a frog.

12) Snakes hiss. Frogs ________.

13) This amphibian is related to, and strongly resembles, the frog.

14) These non venomous snakes of Africa, Asia and Australia are some of the largest in the world.  *plural*

16) A snake slithers; a frog ________.

- Down -

1) A snake makes this sound.

2) Frogs’ ________ feet help them to swim well.

4) All amphibians and most reptiles lay ________.

5) Reptile Museum  *initials*

7) Amphibians spend some of their time on land and some in ________.

8) There are many species of these small to medium-size lizards.  *Plural*

9) Unlike the frog this amphibian lays eggs one at a time.

11) What we call a snake’s teeth.  *plural*

14) Predatory Reptiles  *initials*

15) Amphibian Origins  *initials*
The Human Body

Something else I discovered about The Human Body

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Science Research Puzzle No. 14

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# The Human Body

## Across

1. This vital organ lies inside our chest. It works continuously, even while we sleep.
2. These blood vessels carry blood away from the heart.
3. We sweat through tiny holes in our skin called ______.
4. These pairs of bones, situated in the thorax, form a kind of cage.
5. More than half of our body weight is made up of this liquid.
6. We should clean these at least twice each day.
7. This is pumped through arteries and veins.
8. The liver is our largest internal ______.
9. Someone who is a blood ______ can save another’s life.
10. Our organs of sight. **plural**
12. This has a regular beat and may be felt in the wrist, the neck and other places.
13. Last 3 letters of ‘organ’.
14. Not everybody has the same blood ______.
15. Eye Doctor **initials**
16. Sensible eating, exercise and rest are all important for good ______.
17. Our calf muscles are in our ______.
18. This very large organ produces bile and has several other functions (jobs).
19. These important organs are on either side of the lower spine. They process fluids and are part of the digestive system. **plural**
20. In summer we should take care to protect our ______ from the sun’s rays.
21. The biceps muscle is in our ______.
22. We have this many toes.

## Down

1. These blood vessels carry blood away from the heart.
2. We sweat through tiny holes in our skin called ______.
3. More than half of our body weight is made up of this liquid.
4. These pairs of bones, situated in the thorax, form a kind of cage.
5. We should clean these at least twice each day.
6. The liver is our largest internal ______.
7. Someone who is a blood ______ can save another’s life.
8. This has a regular beat and may be felt in the wrist, the neck and other places.
9. Our organs of sight. **plural**
10. Organ of hearing.
11. Last 3 letters of ‘organ’.
12. Not everybody has the same blood ______.
13. This very large organ produces bile and has several other functions (jobs).
14. In summer we should take care to protect our ______ from the sun’s rays.
**Tiny and Tinier**

- **Across** -

1) These negative charges orbit the nucleus of an atom.

5) This tiny particle of matter is made up of a nucleus and electrons that orbit it.

8) Laboratory **abbreviation**

10) The centre or core of an atom.

14) A tiny living organism. **begins with micro**

16) An instrument used by scientists to look at extremely small things.

18) Same as 8 Across (above).

19) Last syllable of ‘microbial’.

21) Insects have compound ________, each made up of hundreds of tiny lenses.

24) A scientist using a microscope looks at a specimen which has been placed on a glass _____.

- **Down** -

2) Laboratory Assistant **initials**

3) Our blood is made up of millions of tiny ________. **plural**

4) Research Scientist **initials**

5) Last syllable of ‘optical’.

6) There is _____ atom of oxygen in a molecule of water (H₂O).

7) If an atom has one proton in its nucleus how many electrons does it have?

9) What is the plural of bacterium?

11) Hydrogen, with the most basic atoms, has many _____ in different fields of science and technology.

12) Hydrogen and oxygen atoms combine to form ___________ of water. **plural**

13) Many diseases are spread by ________. **rhymes with worms**

15) Atomic Institute **initials**

17) 1ˢᵗ three letters of ‘optical’.

20) Part of a microscope.

22) Electron Microscopy Inc. **initials**

23) Micro Environment **initials**
Science Research Puzzle No. 16  Plants and Fungi

- Across -

3) They pollinate flowers.
5) All plants need this.
6) This provides plants with light and heat.
7) Middle letters of ‘stem’.
8) Many trees lose their leaves once a ______.
9) Another word for ‘boughs’.

12) After plentiful rains mushrooms often sprout from the ______.
13) These may change their colour in autumn.
17) Plants ‘breathe out’ oxygen into the ______.
18) These need soil, water and light to germinate.
22) The season when flowers bloom.

- Down -

1) Plants _____ best in fertile soil.
2) A sweet and juicy fruit.
3) The study of plants.
4) Fruits are picked (and eaten) when they are ______.
7) It has a trunk and branches.
10) These take in nutrients and moisture from beneath the surface of the ground.
11) The upright stalk of a plant.

14) These form lined patterns on leaves.
15) The watery fluid that circulates through a plant.
16) What cows eat.  rhymes with brass

19) A tall tree with broad leaves that provide plenty of shade.
20) Sesame Seeds  initials
21) Fungal Parasite  initials
23) Rare Fungi  initials
### Planet Earth

**Science Research Puzzles for 7-10 year olds**

**Science Research Puzzle No. 17**

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- Across -

1) Continental Landmass  
5) There is a great range of ________ and plant life here on Earth.
6) Semi Desert  
9) The outer layer of Earth is called its____.
10) The ocean is the _____.
12) Geology  

14) Granite is a type of _______.
15) We plant trees in the _______.
16) This fast-growing plant type can be a pest.
18) Coastal Plain  
19) Large areas of dry, barren land.  
22) Asia’s most important food crop.
23) At the beach there is water and _____.
24) Regions of land that are surrounded by water.  

- Down -

2) The surface of Earth is made up of _______ and sea.

3) This important source of energy may lie beneath the ground or the sea.
4) Earth is one of several _______ that orbit the sun.
6) The centre of our solar system.
7) The Himalayan Range is made up of many of these.
8) The Atlantic and Pacific are _________.
10) Each continent contains many _______ of plants and animals.

13) A mixture of rock and metal.
16) The highest mountain in the ________ is Mt Everest.
17) A part of the Pacific Ocean, the Mariana Trench, is extremely ________.
20) If you do one complete circumnavigation of Earth you will _____ up where you started from.
21) Most rivers flow into the _____.
## Nature and the Environment

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**Something else I discovered about Nature and the Environment**

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Science Research Puzzle No. 18 Nature and the Environment

- Across -

1) It falls from clouds.
3) Floating masses of fine water droplets.
6) Small six-legged creatures such as flies, wasps and bees.
8) The gas we breathe in.
9) A dense growth of tall trees covering a large area.
10) Last two letters of both ‘faunal’ and ‘floral’.
11) Mountains and valleys that are easy to cross have smooth terrain; those that are difficult to cross have ________ terrain.
12) We may see this multi-coloured arc in the sky when there is a lot of moisture in the atmosphere.
14) The watery fluid in trees and other plants.
16) Deserts are dry; rainforests are ______.
17) Millions of plant and animal species inhabit the ____________.
18) Clouds, rain and evaporation are all part of the ________ Cycle.

- Down -

1) A dense evergreen tropical forest with plenty of annual rainfall.
2) Tropical regions have a climate that is mostly ______ and wet.
3) Some plant species prefer a ________ climate to one which is warm or hot.
4) ‘Breathed out’ by plants.
5) Beach _______ is unsuitable for the growth of most plant species.
7) Animals get their __________ from the foods they eat.
10) We will be much healthier if the _______ we breathe and the water we drink is pure, not polluted.
13) 1st syllable of ‘atmosphere’.
15) Animals and _________ are interdepend-ent. This means they depend upon one another for their long-term survival.
16) This is our most important natural resource.

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Ecosystems and Habitats

Something else I discovered about Ecosystems and Habitats

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Science Research Puzzle No. 19  
**Ecosystems and Habitats**

- **Across** -

1) Small insects that live in colonies.
3) Plants ‘________’ in carbon dioxide and ‘breathe’ out oxygen.
8) Venomous Spiders  
10) Micro Environment  
11) Animals that hunt their prey.
12) Bipeds walk on how many legs?
13) Snakes shed their skin between one and four times each _______.
15) Some frog species inhabit _______. plural (rhymes with stomps)
17) A small or tiny environment is called a micro environment; a _____ or large environment is called a macro environment.
18) Flora.
20) Environmental Hazard  

- **Down** -

1) An ecosystem can be home to many plants and _______.
2) Spiders belonging to different species may not have the same _______ and size as each other.
4) Our planet.
5) Environment  abbreviation
6) Birds’ eggs hatch in _______. plural
7) Predators seek out their _______.
9) This small grey or brown bird feeds on seeds and insects.
14) Newly-born birds hatch from this.
16) All the animals and plants in an ecosystem _______ upon each other in some way.
17) Insects, arachnids and other creepy crawlies are sometimes called mini _______.
19) When these germinate new plants spring to life.

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Famous Scientists and Inventors

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2 3

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16 17

18

SOMETHING ELSE I DISCOVERED ABOUT FAMOUS SCIENTISTS OR INVENTORS

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Science Research Puzzle No. 20  
Famous Scientists and Inventors

- Across -

1) The great American Thomas _______ invented the light bulb, the phonograph and many other important things.

2) He discovered the Law of Gravity and the Laws of Motion. He is Isaac _________.

5) How many letters in inventor?

6) Astronomical Research Laboratory  initials

8) Madame Marie ________ discovered radium.

11) Charles _________ came up with the Theory of Evolution.

13) 1st syllable of ‘inventor’.

14) Henry _______ invented the process for mass producing automobiles.

16) Thanks to the work of Louis Pasteur we can now drink _______ without fear of becoming ill.

17) Laszlo Biro invented the ballpoint pen. Before this writing was done with a pen nib dipped in _____ that was stored in a small holder called an inkwell.

18) A great Italian astronomer was ____________ Galilei.

- Down -

1) Albert ____________ is famous for his theories of Relativity.

3) The __________ brothers were pioneers in flight.

4) Dutch scientists invented telescopes that made it possible to see distant _______ clearly.  plural

7) ______________ da Vinci was a remarkable Italian inventor.

9) Scientists discovered that this substance could be used to produce nuclear power.

10) Frank Whittle invented the jet _________.

12) Many famous scientists and inventors have won the ________ Prize for their outstanding work.

15) After Alexander Graham Bell invented the telephone people could ______ a number and speak with someone thousands of kilometres away.
Science Crossword Challenge

Creator’s Name: .............................................. Solver’s Name: ..................................................

Go for it!
- Across -

- Down -
Solutions

Puzzle No. 1  Magnetism and Electricity

W
R
P O L E S
O P
M D E
F L O W
T S A C
W T
I F I E L D O O
T W O R M F N
D C R M F U S E
H C U R R E N T H
E T E O
E A T T R A C T
P U L L K

Puzzle No. 2  Force and Gravity

N F
F F H
F E
F
F
H
H
L E S S C R A N E E
T A P U L L E R
O I R
N E A F G P
N T I N Y
F
F E
R T
G M A S S
A M I
O S U N
M O R E N
### Puzzle No. 3  Space and the Universe


### Puzzle No. 4  Birds & Flight

Puzzle No. 5  **Light, Sound and Heat**

```
R W U V
M E T A L I
F T S S
L E I
E R O
I C E S U N
T I
I G E A R D R U M
O H A E
O N E T R I N G W
A S R O A R
T Y E V
P U P I L S F R E E Z E
P N S S
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Puzzle No. 6  **Creatures of the Deep**

```
C O D S E
A C S E A H O R S E
R T Q O A L O N G
P U R Y I
F L I P P E R S T A I L
I D W L
N P O C T O P U S
S C A L E S
R A E
S E A Y A
B W
T S N E
W E E
P O I N T E D
```
D I P  F  T  F  I
L   O   E   O   T   I
A   S   T   G   O   S   A   U   R
B O N E S   T   D   I   D   M
T I H   L
J U R A S S I C   R   A
Dinosaur Leaves
A P T
W T R E X
O R
T R I O
I
B I P E D

Puzzle No. 8  Weather and Climate

T O R N A D O
E I R
M V F O G
P E P
E A R T H S
R H A I L
A U I
B L I G H T N I N G
P
A U D
L E A F S R E M
L L K E R A I N
S N O W Y
K O C L O U D S
W I N D B L U E V
Puzzle No. 9  Mammals Large and Small

P A N D A
O
S E A L P
S R
U D E E R
M U D D
A A
M M E A T C O U G A R
A S S O O O
N B U R R O W S B D
E W S X M I C E
H A I R E S N
R O G N U O T
R A M O L U N G S

Puzzle No. 10  Mini Beasts (Creepy Crawlies)

C A T E R P I L L A R N
R S N I
A E I T W I S T
S C O R P I O N S N
H G W G N A T
N H I V E I
S I L K T B E E T L E
D W
S W A R M
W O I
A I R G P
S M G E
P S L S
N E S T
Puzzle No. 11  Violent Earth

T S U N A M I   C R U S T
O   I   R   R
T R E M O R   L A V A
N   N   N   T
E A R T H Q U A K E
D   T   R   O   C   K   S
V O L C A N O   Y   H
S   F   C   C   A
L   L   L   K
T   O   P   O   E
O   N   O   N
D   H   E   A   T
O   I   O   I
S   T   O   R   M

Puzzle No. 12  Science of the Environment

F R E S H
P   N   G
O   X   Y   G   E   N
W   R   E   N   E   R   Y
R   Y   W
T   S   E   A
I   C   E   B   E   R   G
W   O   T
A   E   P   O   L   L   U   T   E
R   O   C   A   R
B   I   C   Y   W   A   R   M
C O A L   C   I   B
N   C   L   E   A   N   E   I
E   D   R   A   I   N

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Puzzle No. 13  Reptiles and Amphibians

H  W
S  L  I  T  H  E  R
S  B
E  S  B
G
G  R  D
S  W  A  M  P
A  G  O  A  N  N  A  S
T  A  D  P  O  L  E
E  C  W  F
R  C  R  O  A  K  T  O  A  D
O  N
P  Y  T  H  O  N  S  A  G
R  H  O  P  S

Puzzle No. 14  The Human Body

H  E  A  R  T  P  O  R  E  S
R  I
W  A  T  E  R  B  L  O  O  D
E  Y  E  S  R  O
E  A  R  P  E  G  A  N
I  U  T  Y  E  A  O
H  E  A  L  T  H  D  N  R
S  S
L  E  G  S
L  U
K  I  D  N  E  Y  S
V  G  K
E  S
A  R  M  T  E  N
Puzzle No. 15  Tiny and Tinier

E L E C T R O N S | A T O M
A E S | S N
O L | L A B E
N U C L E U S | A M G
E S S | M I C R O B E
A E T L R
M I C R O S C O P E E M

P R C S
T I U
A L A B
A L E
E Y E S
N M M
S L I D E

Puzzle No. 16  Plants and Fungi

G | P
R B E E S
O O A R
W A T E R I
A P
S U N T E
Y E A R
B R A N C H E S E
O T E
S O I L L E A V E S G
T M E A R
S E E D S I P A
F L S P R I N G S
P A L M F S S
Science Research Puzzles for 7-10 year olds

Puzzle No. 17  **Planet Earth**

```
C L O P
A N I M A L
N L A
S D M N
U O O E
N C R U S T
E N S
S E A T C G E O L
P N A R O C K R
E S O I L A W E E D
C P N S O E
I D E S E R T S R I C E
E N E L P
S A N D I S L A N D S
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**Puzzle No. 18  Nature and the Environment**

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R A I N H
A O C L O U D S
I N S E C T S O X A
N N N O X Y G E N
F O R E S T A L G D
O R I E
R O U G H _ _ R A I N B O W
E Y A
S A P W E T
T L A
E A R T H
N E _
W A T E R
S
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Puzzle No. 19  **Ecosystems and Habitats**

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Puzzle No. 20  **Famous Scientists and Inventors**
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