

Communication 1

List 10 places where you cannot use a mobile phone.

Communication 2

What if:

All phones stopped working

Communication 3

List disadvantages and improvements to:

An advertising sign

Communication 4

Make a list of possible ways to:

send a message

Communication 5

List 3 things this picture could tell us about communication.



Communication 6

What will be the most commonly used communication device 100 years from now?

Communication 7

Find the common points between:

A road side billboard
and
A television

Communication 8

The answer is:
“listen”

Make up 5 questions.

Communication 9

Brainstorm solutions for: encouraging people to communicate with friends using writing.

Communication 10

Work out ways to: record a memory of a special event, without a camera, a phone or drawing/writing implements.

Communication 11

There is a national emergency. Everyone needs to be notified. Make a list of ways to warn people of the emergency.

Communication 12

Make a list of advantages and disadvantages for:

Using electronic devices to store information compared with using paper copies.

Communication 13

Make some improvements to:

A mobile phone

Communication 14

Think of 5 advantages and 5 disadvantages of the internet.

Communication 15

What are some similarities between:

- A computer keyboard and
- A story book

Communication 16

You are stranded on a tiny island in the Pacific. There are no other people on the island. There is no mobile phone contact. How can you communicate in order to be rescued?

Communication 5

Two strangers meet on a mountain path. The weather changes for the worse and they need to help one another to survive. They each speak a different language. How can they communicate? List 3 ways.

Communication 6

Make up a code for written communication with a friend.

e.g. each vowel could be represented by a different symbol. But try to make your code harder to crack than that.

Trees and forests 1

List 10 uses for trees.

Trees and forests 2

List as many animals as you can that live in a rainforest.

Trees and forests 3

You are lost in a forest. You have no food or water. Brainstorm ideas for how you will survive. Record your ideas in dot points.

Trees and forests 4

Draw 5 leaves of 5 different shapes.

Trees and forests 5

There is a forest between your house and the town. There is also a river to cross and a bog hole to avoid. Draw a map and show the route from your house to the town, marking in all the features on the way.

Trees and forests

Explain the best way to climb a coconut tree.

America 1

List the differences between Alaska and Hawaii.

America 2

List the similarities between Canada and China.

America 3

What are the similarities between the flags of the United States and Australia?

America 4

Design a new theme park for Disneyland. Give your theme park a name. List and draw the attractions.

America 5

List as many animals as possible, that live in America, starting with the letter 'b'.

America 6

Invent a new game that combines American baseball with English cricket.

Fitness 1

Make 2 lists under 2 headings:

- Games that are dangerous
- Games that are not dangerous.

Fitness 2

Create a word pattern using names of sports. The next word must begin with the last letter of the previous word, e.g. **fishing**

o
l
f.....

Fitness 3

Invent a game that uses a bucket, a ball and a piece of rope.

Fitness 4

The handle of your tennis racquet has broken. Work out a way to fix it, so that it is still effective. Show the steps of how you would fix it in a series of drawings with labels..

Fitness 5

Think of 3 uses for a rugby ball, apart from using it to play rugby.

Fitness 6

You are going to set up an obstacle course for a physical education exercise. Draw a map of the course. Draw and label the different activities.

Environment 1

List 10 places that cannot be destroyed by humans.

Environment 2

List the disadvantages, and improvements to:

A watering can

Environment 3

Draw a glass greenhouse, then change it by:
Making it **Bigger**
Adding something to it
Replacing something

Environment 4

How many ways can you clean up oil spills. Make a list.

Environment 5

Name 5 world wide industries that may not exist in 20 years.

Environment 6

Imagine that the law says, "All households must recycle EVERY possible part of their rubbish." What would be the disadvantages of this?

Environment 7

A fly swatter and
A garbage bin

Make a list of the things
that are the same.

Environment 8

Make up 5 questions
about:

The Antarctic

Environment 9

Design a machine for
removing oil from
penguins.

Environment 10

Give three possible
reasons for coral reef
diving in Fiji to be
cancelled.

Environment 11

Construct a seed planter
using:

A straw
A coin
A stick
Sticky tape

Environment 12

Make a list of ways to
encourage people to
plant more trees.

Year 5 Creator

Animals 1

List as many different 'kinds' of animals as you can.

Animals 2

Invent a mythical animal that could survive in the desert.
List its food, habitat and defense mechanisms.

Animals 3

Imagine that you are in an animal's body for one day. Make a list of your activities and adventures, from morning to night.

Animals 4

Make a list of animals from A-Z. Write one fact about each one.

Animals 5

Make a plan for saving an endangered species.

Animals 6

Think of 3 ways to help homeless dogs and cats.

<p>Community insects 1</p> <p>List the features of both of these, then combine them to design a “superbug”.</p> <p>an ant and a bee</p>	<p>Community insects 2</p> <p>Work out 5 ways of getting ants off your leg without using your hands.</p>
<p>Community insects 3</p> <p>There are ants in our kitchen!</p> <p>Work out a way to keep ants out of your food without killing the ants and without using poison.</p>	<p>Community insects 4</p> <p>We need bees to make our fruit, vegetables and flowers grow.</p> <p>Work out 5 ways of attracting more bees into your vegetable garden.</p>
<p>Community insects 5</p> <p>You are going to set up a house for an ant family, so that you can study them.</p> <p>Design a comfortable home for an ant family.</p>	<p>Community insects 6</p> <p>There are too many wasps in the school playground.</p> <p>Design a wasp trap.</p>

Occupations 1

Write words or phrases next each letter – something to do with

D
E
N
T
I
S
T

Occupations 2

Think of 3 professions for a person who is good at art.

Occupations 3

Think of 3 professions for a person who would like to work with animals.

Occupations 4

List 5 things that vets have to do as part of their job.

Occupations 5

What are some similarities between a taxi driver and a hairdresser?

Occupations 6

What are some differences between a banker and a professions sports person?

<p>Structure for strength 1</p> <p>Draw a boat. Now redesign it by using the following steps:</p> <p>B - igger I – instead of N - onsense G – et rid of O – ther uses</p>	<p>Structures for strength 2</p> <p>Construct a bridge using:</p> <ul style="list-style-type: none">•a book•10 straws•sticky tape
<p>Structures for strength 3</p> <p>Give 3 possible explanations for:</p> <p>a collapsed bridge</p>	<p>Structures for strength 4</p> <p>Think of 5 ways that God can give us 'strength'.</p>
<p>Structures for strength 5</p> <p>Make a new product using:</p> <ul style="list-style-type: none">•an egg•a pack of cards•a cardboard cylinder	<p>Structures for strength 6</p> <p>Design a structure that will not collapse in the event of an earthquake. Draw it if possible.</p> <p>Give reason for the design of your structure and the choice of materials.</p>

Year 5 Protector

<p>Structure for strength 7</p> <p>List 10 materials that are not used in the construction of a house.</p>	<p>Structures for strength 8</p> <p>What if there were no multi-story buildings allowed to be built.</p> <p>Write down 3 possible consequences.</p>
<p>Structures for strength 9</p> <p>Consider 5 alternatives to:</p> <p>“crossing rivers using bridges”.</p>	<p>Structures for strength 10</p> <p>The answer is:</p> <p>“The Eiffel Tower”</p> <p>Think of 5 questions.</p>
<p>Structures for strength 11</p> <p>Brainstorm 5 ways that</p> <p>“The Leaning Tower of Pisa”</p> <p>could be made to stand upright.</p>	<p>Structures for strength 12</p> <p>List 3 disadvantages and 3 improvements to:</p> <p>a brick house</p>

Gravity and pendulums 1

Invent a game that uses a beam balance.



Gravity and pendulums 2

To prove the theory of gravity, Galileo dropped a feather and a rock from the top of the tower of Pisa. What else could he have dropped to prove the theory?

Gravity and pendulums 3

Make an improvement to a playground swing so that it is not so dangerous.

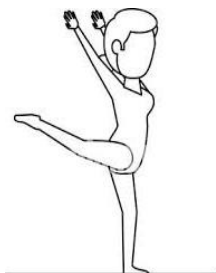


Gravity and pendulums 4

Design a children's playground that is made up of equipment that relies on gravity.

Gravity and pendulums 5

Work out a sequence of 5 balancing exercises that do not use equipment. List the activities, e.g. balance on the left foot.



Gravity and pendulums 6

Invent a game that uses a pendulum to hit a target.

<p>Christmas 1</p> <p>The message:</p> <p>God's gift is for everyone!</p> <p>Brainstorm 10 ways of giving God's gift to others.</p>	<p>Christmas 2</p> <p>Christmas is a holiday and a holy day.</p> <p>List 3 situations where this is true, and 3 situations where this is false.</p>
<p>Christmas 3</p> <p>Imagine if Jesus Christ have never been born.</p> <p>How would world history have been different?</p>	<p>Christmas 4</p> <p>How many ways could you send a Christmas message to a friend in America?</p> <p>List as many different ways as you can think of.</p>
<p>Christmas 5</p> <p>Too many Christmas presents are unwanted and are not used.</p> <p>Brainstorm some solutions for this.</p>	<p>Christmas 6</p> <p>The answer is:</p> <p>"Christmas".</p> <p>Make up 5 questions.</p>