



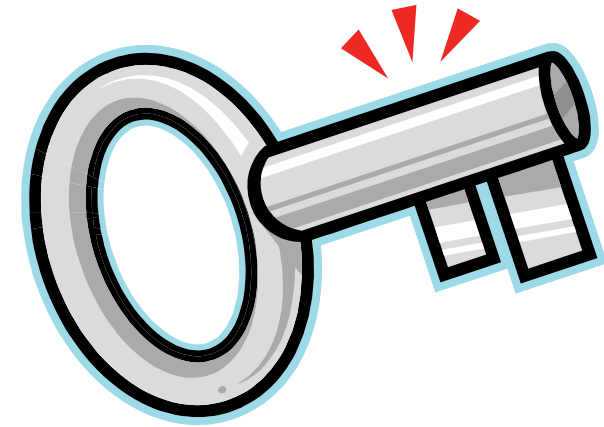
## Interpretations Key

Give possible interpretations for:

- Your neighbour making large circles in his back garden by pouring oil from a can.
- 2 people crying and hugging each other.
- A mouse running towards a cat.
- A person smiling and talking on a phone.
- 2 people talking and then laughing hysterically.
- Your neighbour sweeping the roof.
- Your teaching coming into school with a suitcase full of jelly beans.
- A man walking backwards and forwards in your living room.
- 5 people standing in a field waving their arms above their head.



# Thinkers Keys





## Reverse Key

### List:

- Comments friends wouldn't make to each other.
- Things you can't measure with a ruler.
- Things you can't do with a piece of paper.
- Things you can't eat with a fork.
- Things you can't put in water.
- Things you can't do with your feet.
- Things you can't do when sitting down.
- Things you can't change shape.
- Bugs that aren't insects.
- Things you would not find on a beach.



## Alternative Key

### List ways of doing tasks without normal implements. Work out 3 ways to:

- Brush teeth without a toothbrush.
- Measure the depth of a well without a tape-measure.
- Wash clothes without a washing machine.
- Mark out a football pitch without paint.
- Eat porridge without a spoon.
- Secure your house without a key.
- Dig a garden without a spade.
- Stir your cup of tea with a knife, fork or spoon.
- Brush hair without a comb or brush.
- Eat your dinner with no cutlery.
- Sleep outside without a tent.





## Forced Relationships Key

Use 2 or more unrelated objects to solve a problem. Solve the problem of:

- Litter in the playground using a packet of mints, a rubber band and a pencil.
- No games to play at lunchtime with a ball, 2 sticks and a drum.
- An argument between 2 friends with a pencil sharpener and a chair.
- Noisy neighbours with a red nose and a broomstick.
- Children running in school with a ball, a tambourine and a pair of sunglasses.
- Getting wet in the rain using newspaper and a piece of wool.



## What If Key

What if...

- ...we each had 10 cars.
- ...friends only lasted a week.
- ...you could only eat sweets once a year.
- ...you had 1 million pounds.
- ...there were no schools.
- ...you were stranded on a desert island.
- ...there was no sea.
- ...we could all bring an animal to school.
- ...everyone had 10 brothers and sisters.
- ...nobody smiled.
- ...we had an extra day in each week.





## Disadvantages Key

List the disadvantages and improvements to:

- An umbrella.
- Car seats.
- Slippers.
- School.
- Chopsticks.
- School bags.
- A lawnmower.
- A chair.
- A wheelbarrow.
- Cars.
- Trainers.
- Toy car.



## Construction Key

Construct a:

- Measuring device using 2 paper plates, string and a block of chocolate.
- Ladder using newspaper, toothpicks and masking tape.
- Clock using sticks and a plate.
- Robot using bottle tops, matchboxes and straws.
- Musical instrument using paperclips, elastic bands, tin foil, box and cotton reel.
- Somewhere to sit using a piece of string, stick and balloon.
- Table using cardboard, string and rulers.
- Egg timer using a candle, paper and marker pens.
- Baby's toy using paper, a ball and 4 sticks.





## Dispute Key

Consider statements which are usually accepted without question and try to dispute them:

- Every school must teach history.
- You have the right to smoke.
- You must do what your parents say.
- You must follow instructions.
- You do not have to learn how to do maths.
- You must save endangered species.
- Children should go to school.
- Children must sit on the carpet at story time.
- Everyone should be able to vote over the age of 18.



## Combination Key

Combine attributes of two products to make a new one.

- Car and plane.
- Scissors and teddy bear.
- Train and umbrella.
- Book and pram.
- Pram and umbrella.
- Magazine and bicycle.
- Bus and fountain pen.
- Elastic band and a bag.
- Chair and a spoon.
- Television and a fridge.
- Washing machine and a car.
- Chair and a fridge.





## Alphabet Key

Place the letters A to Z down the side of the page.  
For each letter name:

- Leisure activities.
- Modes of transport.
- Countries.
- Animals.
- Girls names.
- Boys names.
- Things people enjoy.
- Rivers.
- Towns / Cities.
- Pop groups.
- Toys.



## Invention Key

Invent a:

- Machine for peeling oranges
- A combination knife and fork.
- Shoes that carry you to school.
- Chair with a book holder.
- A spider catcher.
- A sandwich making machine.
- Clothes that don't need ironing.
- Flying machine.
- Machine that turns book pages for you.
- Machine for catching mice.
- Machine that gets you dressed in the morning.
- Machine that cleans all the house.





## Brainstorming Key

Think of as many ways as you can to:

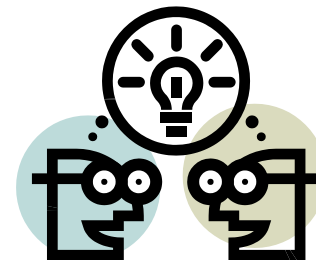
- Ways to encourage people to use public transport.
- Of catching a rat.
- Of getting your parent buy you a dog.
- To eat pizza.
- To use a pencil.
- To encourage people to eat healthy food.
- Crossing a river.
- Cool down.
- Build a den.
- To encourage people not to drop litter.
- To encourage people to skip.
- Use other materials to make clothes.



## BAR Key (Bigger, Add, Replace)

Use the B.A.R. key to:

- Improve your bike.
- Redesign school.
- Make a computer game.
- Improve your house.
- Redesign the Blackpool tower.
- Change the games of tennis.
- Redesign the pen.
- Redesign the Playstation.
- Improve the school tables.
- Improve the school teacher.

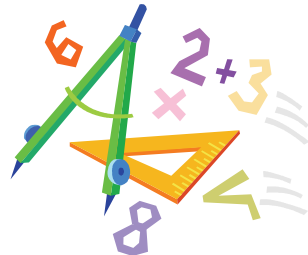




## Variation Key

How many ways can you:

- Get to school without a car.
- Make new friends.
- Communicate with someone without speaking.
- Make someone laugh.
- Keep dry in the rain.
- Change your expression.
- Create art.
- Order a takeaway.
- Get to Spain.
- Write your name.



## Question Key

Give five questions with the answer:

- Friendship.
- Centimetre.
- Fish.
- Zoo.
- Brown.
- Vegetables.
- Motorways.
- Bicycle.
- Car.
- Summer.
- Orange juice.
- Blue.







## Commonality Key

Find common points between:

- A ruler and ice-cream.
- A friend and a present.
- A jumper and a mountain.
- A sock and a monkey.
- A clock and a door.
- A dog and a sheep.
- A bicycle and a newspaper.
- A basket and a glass.
- A teddy and a goldfish.
- Grass and a carpet.



## Prediction Key

Predict:

- How schools will operate in 100 years.
- The most important form of public transport in 50 years.
- What foods we will eat in 100 years.
- How you will look when you are 20.
- What the country will be like in 1000 years.
- What kind of clothes we will wear in 100 years.
- What your computer will look like in 100 years.
- What the house of the future will look like.
- What books will be like in 50 years.

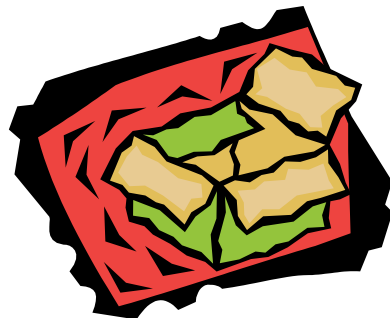




## Different Uses Key

How many different uses can you think of for:

- A broken rulers.
- Empty drink bottle.
- A carrier bag.
- An empty cardboard box.
- A bin bag.
- A piece of string.
- A plastic cup.
- A paper cup.
- A plastic straw.
- An old 2p.



## Ridiculous Key

Make a statement that would normally seem ridiculous and reason why it might work:

- The whole world has the same time zones.
- 6 year olds can drive.
- Dogs can play tennis.
- 10 year olds go to work.
- You only go to school 1 day a week.
- We don't need to wear shoes.
- Everyone speaks the same language.
- Children should be teachers.
- Old people can go to primary school.

