

Johannes Gutenberg

Letter Mixup!

I was carrying a whole bunch of words to my printing press. But I dropped them and now all the words have their letters mixed up. Can you help me figure out what all the words are?

ubgtgeern

tiignrpn

oskob

nehmatrcp

erpss

rwsdo

rnagide

Lets Print!

What you need:

an adult
knife
potato
marker
paint
paper
paper plate
newspaper (or something to cover the area)

Get a potato wash it and hand it to your adult. Have them cut the potato in half. Take the marker and draw a simple shape on it. Hand it back to the adult. Have them take the knife and carve out your shape. Now take the paint and pour some out to make a thin coat of paint on the paper plate. Dip the shape side down on the plate. Then press it on the paper. Repeat.

Did you Know?

Gutenberg was born Johannes Gansfleisch of Haus Zum Gutenberg. He was trained as a gold smith. When he would not follow the goldsmith's guild rules he was asked to leave Mainz and he moved to Strasburg. His first printing press was made from an old wine press. His knowledge of metals allowed him to create "movable" type. In the twenty years before Gutenberg there was about 5,000 books printed in all of Europe. In the twenty years after his invention there where 13,000,000 books produced in Europe. At the time of his invention only about 15% of the people in the world could read and write. Within 30 years of his invention over 80% of the world could read and write.

Knight Training

Word search

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

Find the following words:

page, squire, knight, horse, sword, lance,
chivalry, tournament, joust, castle, shield

Did you Know?

That when knights went into battle, they carried a shield. On this shield was their family crest. This crest told everyone who they were. Without it, everyone in armor would look the same. All a soldier had to do was to look at the knights shield to know if he was friend or foe.

A Knight would use his father's crest, then add something to it to make it his own. Even brothers would have a slightly different crest.

Crests would have pictures like lions, dragons, birds, swords, or even hearts on them. Each crest would have different colors on their background, the colors had special meaning to the households.

Make your own crest!

On the next page is an empty shield. Grab your crayons and make your own family shield. Below is a list of colors that tell you what they mean on a shield. Remember a shield tells the world who you are.

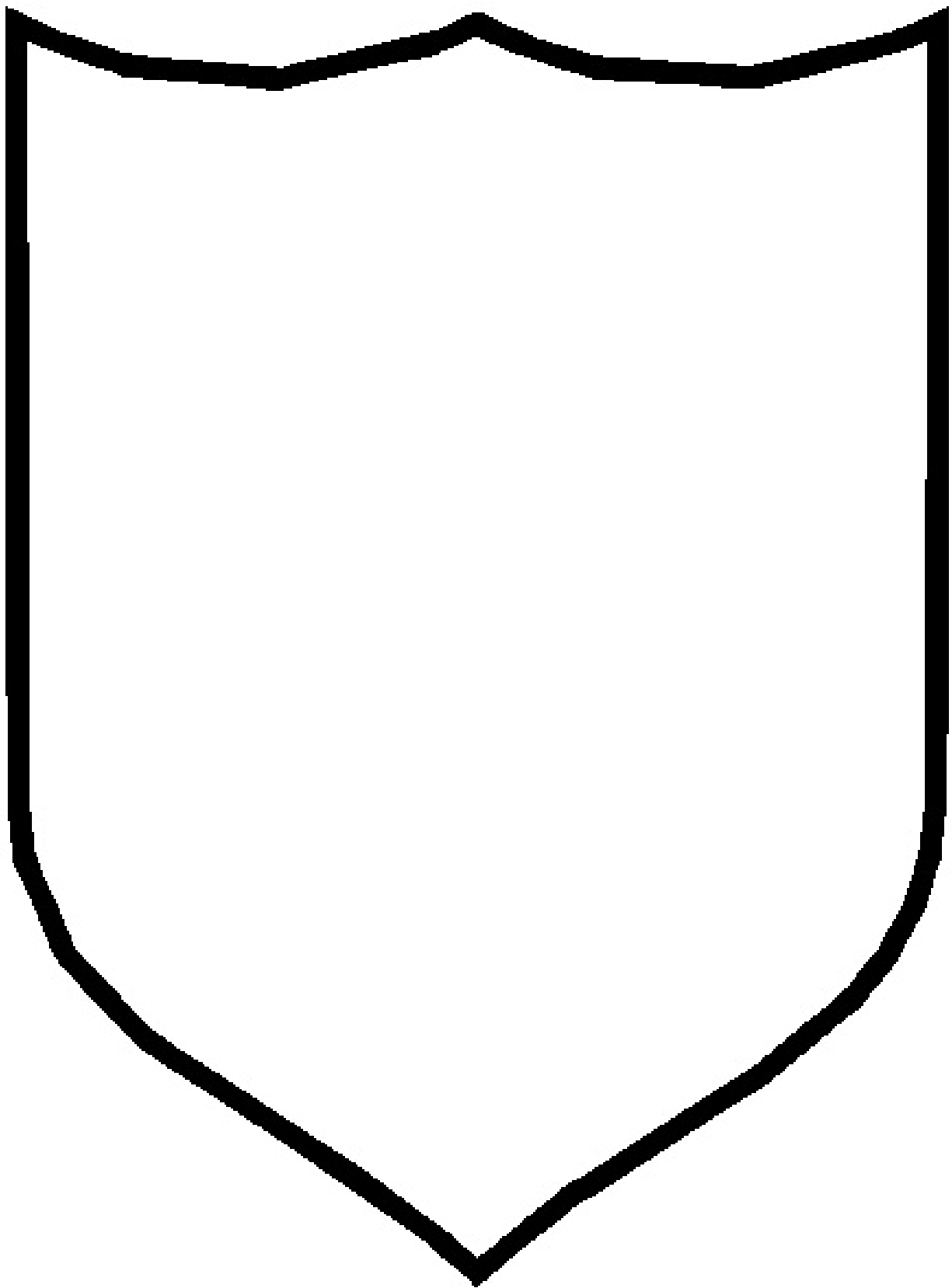
When you're done. Get an adult to help you cut out your shield.

Colors of the Crest

<i>Gold:</i>	Generosity
<i>Silver or White:</i>	Sincerity, Peace
<i>Purple:</i>	Justice, Sovereignty, Regal
<i>Red:</i>	Warrior, Martyr, Military Strength
<i>Blue:</i>	Strength, Loyalty
<i>Green:</i>	Hope, loyalty in love
<i>Black:</i>	Constancy, Grief
<i>Orange:</i>	Worthwhile Ambition
<i>Maroon:</i>	Victorious, Patient in Battle

Objects in the crest.

<i>Heart</i>	Sincerity, truthfulness, charity
<i>Arm</i>	An industrious person
<i>Anchor</i>	Hope
<i>Spear</i>	Devotion to honor, knightly service
<i>Helmet</i>	Wise defense
<i>Lion</i>	Fierce Courage
<i>Tiger</i>	Fierceness and valor
<i>Bear</i>	Fierce Protection
<i>Horse</i>	Readiness for duty
<i>Bull</i>	Valor and magnanimity
<i>Wolf</i>	Perseverance in siege or effort
<i>Dragon</i>	Valiant defender



Battles

Letter Drop!

The letters in each column go into the squares directly below them, yet not necessarily in the same order. As you place letters in the squares cross them off the list. Grey boxes mean the end of a word. When your done read the quote left to right.

	T		I	F			
	O	B	L	T	S		N
A	E	T	O	S	T	E	N
S	A	R	O	E	T	E	B
R	W	N	G	U	T	W	E

Did you Know?

Soldiers either walked or took ships to their battles. When they weren't walking or while on the ships they played games and sung songs to entertain themselves.

Life was not easy being a soldier, and many died at an early age. The best life expectancy of a soldier was that of the Romans, as they had the best doctors.

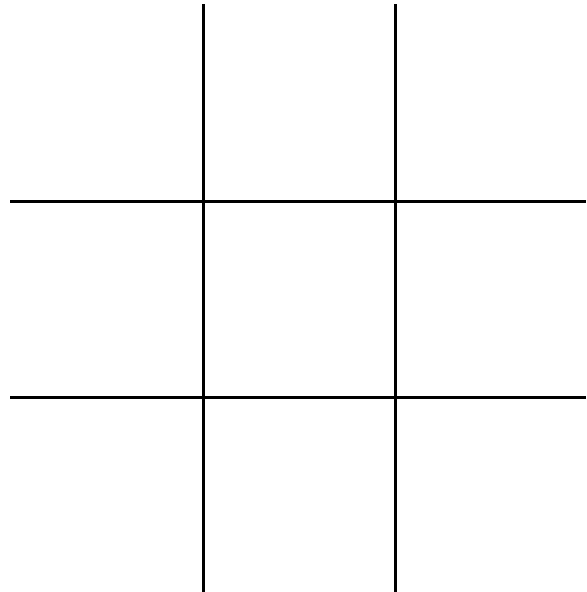
Not all soldiers were volunteers. Some were told to go and fight by the nobility who owned their land.

Let's play a game!

This is a two-player game. First each player needs 3 tokens. These can be anything stones, coins or anything else you have handy. Just make sure you can tell your tokens from the other players.

Below is the playing board. It may look like a tic-tac-toe board, but what we are playing is called *3 stones*.

The rules are simple. Each player takes turns placing their tokens on the board. When you have placed all your tokens on the board, if nobody has three in a row, then on your turn you pick up your token and move it to an empty square. The winner is the first person to get all three of their tokens in a row (up, sideways, or diagonally).



William Shakespeare

Did you Know?

During Shakespeare's time it was against the law for a woman to be an actor. All parts, even those of the women, were played by men wearing female clothing.

The men who did the acting belonged to a theater group. They worked out of the same theater and put on different plays each week. They depended on people paying to see the plays in order to be paid.

While Shakespeare was writing his plays he did not always have the right word, so he made words up. During his career he created over 1700 new words for the English language. Many of the words he created are still used in common English.

Anagram

How many words can you make out of the letters in the name "William Shakespear" I found 8. Can you beat that?

Let's play a game!

William Shakespeare was a great storyteller, and you can be one too. Get at least one more person, as many people as you want can play. Have everyone get into a circle and choose who will go first.

The first person says one word, the person to his right then says another word. The goal of the game is to tell a story, with each person only adding in one word at a time.

For example John, Jack, and Judy are playing. They start with:

John: A
Jack: horse
Judy: flew
John: in
Jack: from
Judy: California

As you see, it can become a really funny story. The game ends when one person says "the" and the next person says "end".

Unscramble me

Unscramble the three Shakespeare plays below. Each word is scrambled by itself.

coorm dna tijleu

as yuo eilk it

wto nnletegme fo vnoare

Pirates!

Did you know?

The Queen Anne's Revenge was discovered in 1996 in Beaufort Inlet, North Carolina. This ship was the flag ship of the famed pirate Blackbeard. This ship ran aground in 1718.

During the Archaeology find, they have recovered dozens of cannons, a large anchor, a bronze bell, and many other items.

Although we do not know for certain what blackbeards true name was, we believe it was some variation of Edward Thatch or Teach. We do know however that he reigned terror over the Carribean during the early eighteenth century.

Lets Make a Map!

What you need

An adult

a cup of cold tea

white blank paper

markers

cookie sheet

Get your adult to brew a cup of tea, then let it cool. Now take the white sheet of paper and tear the edges off. Now wrinkle it all up. Spread it out in the cookie sheet, and pour the cold tea over it. Let it sit for a few minutes. Dump out the water and let the paper dry. Now take your markers and draw a map on it.

Lets play a game

Pirates gold (2 or more players)

What you need:

5 dice

a sheet of paper

pen or pencil

The object of the game is to get the most gold in five turns. On your turn you get three tries to get gold. To do this you first need a map. This is achieved by rolling a 1. Next you need a ship, this is achieved by rolling a 2. You cannot get your ship until you have a map. Next you get your treasure, that is the amount left on the other three dice.

Example:

Joe's first roll is: 5,2,6,3,3

He has a ship but he can't take it because he has no map.

Joe's second roll is: 1,6,3,4,5

He now has a map. He takes the 1 die and puts it aside.

Joe's third roll is: 2,4,3,5

He now has both the map (1) and the ship (2). He sets the two aside and adds up his gold (4,3,5). He writes 12 on his score sheet and passes the dice and ends his first turn.

Robin Hood!

Missing Letters

Someone took the letter out of these words can you put them back in? Use the letters at the top, cross them off as you use each one.

B C D H I L N O R R R T

R o _ _ i n H o _ _ d

L _ _ t t _ _ e J o _ _ n

F _ _ i a r _ _ u c k

M a i _ _ M a _ _ i o n

P _ _ i n _ _ e J o _ _ n

Did you know?

*“Lythe and listin, gentilmen,
That be of frebore blode;
I shall you tel of a gode yeman,
His name was Robyn Hode.”*

These are the opening lines of poem called "A Gest of Robyn Hode" this was first printed in 1500 AD. It is one of our earliest tales of Robin Hood. Some experts believed it may have been written in the early 1400's. With each telling of this story, it evolved to include new people and events. Historians believe that as each new person wrote about Robin Hood, they may have included events from their own time to make it more modern for their readers.

Nobody knows for certain whether or not there was a real Robin Hood at one time. However during the Renaissance period, the term Robin Hood became slang for anyone who was a criminal.

Lets play a game

Chasing Robin Hood

You need:

12 small tokens that look alike (sheriff)

1 small token that is different (Robin)

Look at the grid below, the place where lines cross, we call those spots. Now take your 12 matching tokens and place them on the 5 spots on the 1st and 2nd line closes to the sheriff's side. Then take the remaining 2 and place them on left and right most spots on the 3rd line. Now place Robin's token in the center of that line. Each player may move to any empty spot next to his spot. Robin gets a special move, he gets to jump. If the sheriff's piece is next to Robin and has an empty space behind it, he may jump and take that piece. There is no double jumping. The sheriff does not get to jump or take Robin's piece. Robin gets the first move. The game is won when the sheriff has only 1 man left (Robin wins), or when Robin can't move (sheriff wins). Have fun!

Galileo

Did you know?

In 1590 Galileo Galilei gathered a group of students together and dropped a light object and a heavy object at the exact same time. The theory was that if an object was ten times heavier than the other object, it would fall ten times faster. This was what Aristotle said was true, two millennia before Galileo's time. Galileo proved Aristotle was wrong, they both landed at the same time. Galileo proved this by doing a simple experiment that you can do at home. Pick a heavy object, and a light one, stand on a chair and drop them at the same time (do not use anything breakable).

In 1951 the experiment was tried again using a hammer and a feather, the results were the same. The only difference was that the men who performed it were not on Earth, they were on the moon.

Word Split

Draw a line from the half of a word on the left to its other half on the right.

Tele	pots
Astro	scope
Scie	lations
Plan	ons
St	nomy
Constel	glass
Suns	nce
Mo	leo
Gali	ets
spy	ars

Potato Asteroids

you need:

an adult
mashed potato (use your favorite recipe)
mixing bowl
pot holders
cookie sheet
non-stick spray

1. Have an adult preheat your oven to 375 degrees.
2. Spray your cookie sheet with non-stick spray.
3. Take a handful of mashed potatoes and shape them into what you think an asteroid looks like. Remember to use your fingers and thumbs to make craters. Repeat until the cookie sheet is full.
4. Have an adult put them in your preheated oven. Cook for about 20 to 25 minutes, until golden brown.
5. Remove with pot holders and serve with your next meal.

Leonardo da Vinci

Mixed Sentence

Below is a bunch of words that was once a sentence. Can you put them in the right order?

on the going.
he war weapons
hated wars that
yet Leonardo, many
were for designed

Did you know?

That in 1495 Leonardo designed and possibly built the first humanoid robot in western civilization. This robot was dressed in a typical German-Italian suit of armor for that time period.

This robot was able to sit up, wave its arms, move its neck, and open and close its mouth.

On the inside, there was a mechanical analog-programmable controller hidden in the chest. This controller provides power and control for the arms.

Lets paint

Leonardo was also a great painter and painted things like the Mona Lisa. You can paint too, with this fun edible paint.

What you need:

an adult

Bread

milk

a toaster

new paintbrushes

a few small paper cups

food coloring

newspaper, or anything to cover the table

1. Fill the cups 1/3 of the way up with milk.
2. Add a few drops of food coloring into each cup. The colors are your choice.
3. Take your slice of bread and use it as your canvas. Go ahead, paint anything you like. Try not to get the bread to wet.
4. Have an adult place the bread in the toaster, and toast it.
5. When it is done, have your adult take it out of the toaster. You can add butter if you like. Now you can eat your masterpiece.