

and Knowledge is a three-book series that targets intermediate English learners especially for upper elementary and middle school levels. The series focuses on various but mandatory topics for intermediate learners.

Key Features

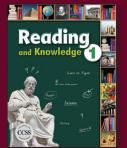
- Each book has 20 units. Each unit focuses on a unique topic. History, science, politics, economy, social studies, and world culture are just a handful of the topics included in each book.
- Before reading the main text, students are introduced to the topic with interesting fun facts and thought-provoking questions to think about in the Before You Study and Did You Know sections.
- Topics that may be unfamiliar to students are explained using level-appropriate vocabulary, and ideas are written in ways that are easy to understand.
- Each book offers opportunities to learn valuable and essential reading skills. Questions and visual aids presented help students improve their reading ability for different purposes.
- Depending on the unit, a Grammar Lesson or Vocabulary Extension section is provided. Students
 can significantly strengthen their English grammar and vocabulary skills by diligently studying these
 sections.
- At the end of each unit, students can engage in further study in the theme of the main text with the
 provided Critical Reading passages and questions. Students can discuss more than one point of
 view on a certain issue and exercise critical thinking ability.

Components

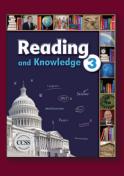
• Student Book with CD 1~3

Online Resourses (http://www.twoponds.co.kr/company/download/support-list.jsp)

• Answer Keys / Sample Lesson Plans









TWO PONDS



Reading

and Knowledge

TWO PONDS

Standar































Author: Duncan Bodley

Editors: Paula Cho, Cliff Lee, Daniel Jeong

Design: Design maru

Website: www.twoponds.co.kr

First Published April, 2013

Copyright © TWOPONDS Co., Ltd.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the copyright holder.

ISBN: 978-89-539-4123-6 68740

Photo Credits

All photos are courtesy of Shutterstock Royalty-Free Collection.





Preview

Before You Study

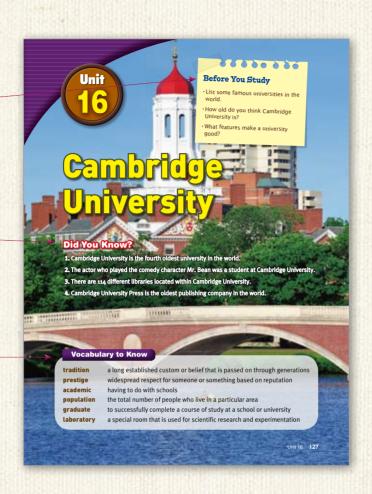
This topic relevant, pre-reading activity introduces the topic, activates prior knowledge, and warms up the mind for efficient reading.

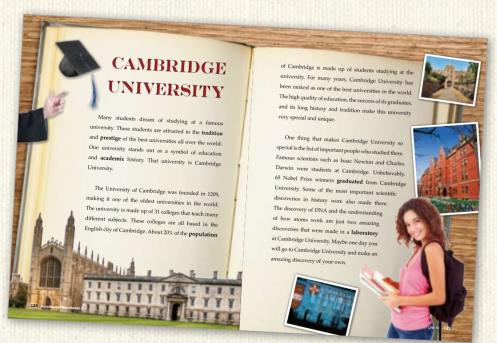
Did You Know?

By using interesting and thought-provoking information, this section aims to entice and motivate students for maximal learning.

Vocabulary to Know

Words of highest relevance and/or difficulty are presented here in order to prepare readers for the passage to come and in order to serve as a quick reference for later review.





Main Reading

This core section includes a theme-based reading that is level-appropriate but challenging. Inviting imagery accompanies the straightforward text.

Reading Comprehension

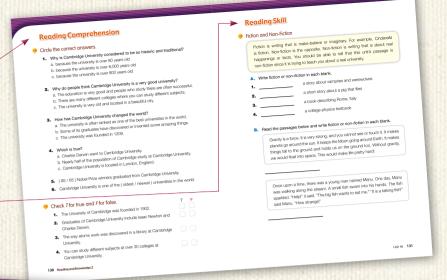
This section makes sure students have fully understood the most important ideas in the main reading.

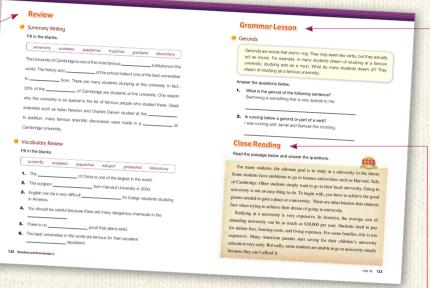
Reading Skill

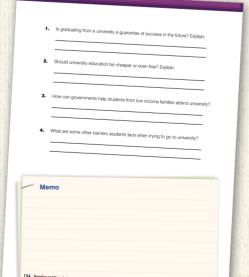
The most important reading skills are covered here. Helpful explanations and practice exercises make sure students grasp the relevant concepts.

Review

Summary Writing and Vocabulary Review sections give a helpful review of the unit and reinforce comprehension and vocabulary skills.







Grammar Lesson/Vocabulary Expansion

Each unit has a Grammar Lesson or Vocabulary Expansion section that offers an additional lesson designed to enrich learning and help students better understand more technical English language skills.

Close Reading

This section's main purpose is to promote critical thinking and reinforce close reading skills which are emphasized in the Common Core State Standards (CCSS). Students must carefully consider that which is written and answer questions that engage the mind and help improve topic comprehension.

Contents









Unit 11	Wall Street _ Economy	87
Unit 12	Social Media _ IT	95
Unit 13	Famine _ Global Issues	103
Unit 14	The Great Wall of China _ Places	111
Unit 15	Dangerous Foods _ Food and Health	119
Unit 16	Cambridge University _ Education and Jobs	127
Unit 17	Nelson Mandela _ People	135
Unit 18	The Oscars _ Entertainment	143
Unit 19	Branding _ Business	151
Unit 20	The Wright Brothers _ Inventions	159

Unit 1

Before You Study

· How many states are there in America?

88880000

- Can you name any American presidents from the past?
- What countries around the world have had civil wars?
- · Does slavery exist in the world today?

The American Civil War

Did You Know?

- 1. When America became a country, there were only 13 states.
- **2.** Abraham Lincoln was the tallest president in history and the first to have a beard!
- **3.** Over 600,000 soldiers were killed during the American Civil War.
- **4.** Cultural differences between Northern and Southern USA still exist today.

Vocabulary to Know

peaceful quiet; tranquil

slave a person who is owned by another and forced to work without pay

freedom the state of not being a slave anymore to continue for a certain amount of time

equipment anything designed for a particular use

surrender to give up

Unit 1 **7**



THE AMERICAN CIVIL WAR

Today, America is a rich and **peaceful** country. But many years ago, there was a big war. People who lived in the North fought with people who lived in the South. Northern people worked in factories and made things. People who lived in the South worked on farms and grew things. Farmers in the South needed a lot of workers to help them grow things such

> work on the farms as slaves. These slaves were basically paid no money and lived in very bad homes.

as cotton. People were brought from Africa to

In 1861, the President of America, Abraham Lincoln, said that farmers in the South could not use slaves as their workers. He made a famous speech and gave **freedom** to all the slaves in America. This made people in the South very angry and they decided to start their own country. This new country attacked people in the North, and the American Civil War began.

The war **lasted** four years. There were many battles and many people died. Soldiers from the North had very good weapons and equipment. Soldiers in the South were very strong and had good leaders. Finally, in 1865, the South could not fight any longer, and they had to surrender. The North won the war, and slavery was never seen in America again.

Reading Comprehension

- Circle the correct answers.
 - **1.** Why were slaves brought to America from Africa?
 - a. They were needed in the North to work in factories.
 - b. They were needed in the South to work on farms.
 - c. They were needed as soldiers to fight in the war.
 - 2. Why was President Abraham Lincoln so important to the history of America?
 - a. He was the first president of the United States of America.
 - b. He helped Africa to win a civil war.
 - c. He helped slaves gain their freedom in America.
 - **3.** How did people in the South feel about Lincoln's ideas?
 - a. They were very angry and tried to make their own country.
 - b. They were very happy and supported the president.
 - c. They were angry and decided to attack Africa.
 - **4.** How did the American Civil War end?
 - a. After 4 years of fighting, the North surrendered, and the South won.
 - b. After 4 years of fighting, the South surrendered, and the North won.
 - c. After 2 years of fighting, the South surrendered, and the North won.
 - **5.** Farmers in the South grew things (on large farms / in large factories).
 - **6.** Soldiers from the North had very good (slaves / weapons) and equipment.
- Check T for true and F for false.

1.	People in the North worked in factories and made many things.	
2.	Slaves were paid money and lived in nice houses.	
3.	Abraham Lincoln freed the slaves in 1961.	
4.	The American Civil War ended in 1865.	

Reading Skill

Drawing Conclusions

When reading, there are times when you need to think about things that aren't specifically mentioned. For example, after reading people were brought from Africa to work on the farms as slaves and these slaves were basically paid no money and lived in very bad homes, you should be able to see that slaves were treated horribly.

For each sentence or group of sentences, choose the correct conclusion.

- **1.** In the past, people in the North worked in factories and made many things using machines. However, people in the South worked on farms and grew things.
 - a. Transportation, education, and communication were more advanced in the North.
 - b. Modern technology and new ideas were very popular in the South.
- 2. Abraham Lincoln gave freedom to all slaves in America and made it illegal to use slaves.
 - a. Slaves were very confused about Lincoln's ideas and did not support his new laws.
 - b. Slaves saw Lincoln as a hero and fully supported his ideas and beliefs.
- **3.** The American Civil War lasted four years. Many soldiers died in many battles all over the country.
 - a. There was an easy solution to the problems and disagreements in America at that time.
 - b. The problems in America at that time were very complicated and difficult to solve.
- **4.** Soldiers from the North had very good weapons and equipment. Soldiers in the South were very strong and had good leaders.
 - a. The war was long, and the fight wasn't easy for either the North or South.
 - b. The North quickly defeated the South in a matter of months.

Review

Summary

Fill in the blanks.

peaceful	slave	President	freedom	equipment	surrender
The	of	the United S	tates of Ame	rica during the	e Civil War was
Abraham Linco	oln. Lincoln	was a very sp	ecial leader. L	incoln is most f	amous for giving
	_ to the s	laves in Americ	a. A	was a	person who was
owned by a ric	h person a	and forced to w	vork on a farm	n. The American	Civil War was a
very long and o	difficult wa	r. Both the Nor	th and South f	fought very hard	d. The soldiers in
the North had	more adva	anced	and v	were finally able	e to win the war.
After much figh	nting, the	South was force	ed to	and A	America became
	_ again.				

Vocabulary Review

Fill in the blanks.

	decided	slave	president	attacked	equipment	surrender
1.	After think	ing for tw	enty minutes, t	hey finally	to (go the movies.
2.	People in	Korea vot	e for a new		every five years.	
3.	I feel like a	ì	when	my mother tell	s me to do a lot	of housework.
4.	The soldie	ers realized	d they couldn't	win the battle	and were forced	I to
		·				
5.	We will ne	ed a lot o	f	for our rock	k climbing trip ne	ext week.
6.	The old w	oman wa	s there when th	e Japanese	F	Pearl Harbor.

Vocabulary Expansion

The Suffix -ful

The suffix -ful is added to the end of some words to express full of. For example, in this unit's passage, peaceful means full of peace.

Add -ful to the words below and write meanings for the new words.

1.	doubt	
2.	fear	
3.	boast	
4.	joy	
5.	disgrace	
6.	beauty	
7.	care	
8.	harm	

Critical Thinking

This section's main purpose is to promote critical thinking and reinforce debate skills.

In the past, many African people were brought to America as slaves. They were forced to leave their country and come to America and work in very bad conditions, usually without any pay. This process was known as "The Slave Trade." This buying and selling of people continued for many years. When Abraham Lincoln became President, this barbaric period in history finally came to an end. But did you know that some types of slavery still exist? Even though slavery is illegal in all countries, millions of people are forced to live and work in bad conditions today. Often, people will illegally travel to other countries to find work and a better life. These people are sometimes exploited and forced to work for low salaries and live in terrible conditions.

١.	Do you think the slave owners in America thought they were doing a bad thing? Explain.
2.	Do you think President Lincoln was brave for trying to free slaves in America? Explain.
3.	Think of some examples of slavery in your country. Why do such forms of
	slavery exist today?

Memo

Unit 2

Before You Study

Which gases are found in the air we breathe?

20000000

- •In what ways does oxygen help our bodies to work?
- · When was oxygen first discovered?

Old You Know?

- **1.** Most people will usually breathe between 12 and 18 times every minute.
- **2.** We use 10 different muscles every time we breathe.
- **3.** The world record for holding one's breath is over 11 minutes!
- **4.** We breathe through our noses during rest and through our noses and mouths during exercise.

Vocabulary to Know

vital very important or necessary

survive to continue to livefatal causing death

abundant existing or available in large amounts

process a series of actions that is done in order to complete a task

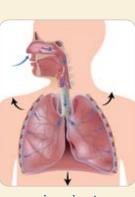
digest to break down food for the body to use



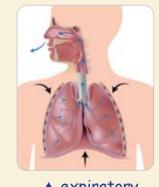
Although we rarely think about it, we are breathing all the time. Air is perhaps the most important thing to all people, animals, and plants. But did you know that air and oxygen are not the same things? Oxygen makes up only about 21% of the air we breathe. The rest of air is made up of different gases, such as nitrogen and carbon dioxide.

Oxygen was first discovered in 1773 and is vital to all livings things on earth. Without oxygen, people and animals could not live and plants would die. People can survive for many days without food. People can go without water for many hours. But a lack of oxygen for only a few minutes can be fatal. Luckily for us, oxygen is all around us. In fact, oxygen is the most abundant chemical element on earth. Did you know that 88% of the water in the oceans of the world is made of oxygen?

When we breathe, oxygen enters our bodies through our noses and mouths. The oxygen then goes into our lungs, where an amazing process occurs. The blood in our bodies then carries the oxygen to all the different parts of our bodies. This oxygen helps our brains to think, it helps our stomachs to digest food, it allows our eyes to see, and it helps our muscles to move. As you can see, oxygen is very important in helping us to live happy and healthy lives.



▲ inspiratory





Reading Comprehension

- Circle the correct answers.
 - **1.** What would be considered fatal to humans?
 - a. no food for 30 minutes
 - b. no water for 30 minutes
 - c. no oxygen for 30 minutes
 - 2. Why are air and oxygen different things?
 - a. because air is made of many gases and oxygen is a gas
 - b. because oxygen has a smell but air does not
 - c. Air and oxygen are the same things.
 - **3.** How does oxygen help our bodies?
 - a. It helps our brains move.
 - b. It helps our stomachs digest food.
 - c. It helps our muscles think.
 - **4.** How does oxygen reach all the different parts of our bodies?
 - a. Water carries it around the body.
 - b. Our lungs carry it around the body.
 - c. Our blood carries it around the body.
 - **5.** (22% / 88%) of the water on earth is made up of oxygen.
 - **6.** Oxygen is the (least / most) abundant element on earth.

Check T for true and F for false.

- **1.** 12% of the air we breathe is made of oxygen.
- **2.** All people, animals, and plants on earth need oxygen to live.
- **3.** Oxygen helps the muscles in our bodies to move.
- **4.** When we breathe, oxygen goes into our hearts first.

Reading Skill

Main Idea

The main idea of a passage is the most important point the writer wishes to make. A paragraph can have a main idea too, being the most important or central point of the paragraph.

- Circle the correct answers.
- **1.** Which sentence best describes the main idea of paragraph 1?
 - a. Oxygen was discovered long ago and helps our bodies to live.
 - b. Air is important and is made of different gases.
- 2. Which sentence best describes the main idea of paragraph 2?
 - a. All living things need oxygen to survive.
 - b. Oxygen can be found in water and was discovered in 1773.
- **3.** Which sentence best describes the main idea of paragraph 3?
 - a. Many different parts of our bodies use oxygen to help us live.
 - b. Our noses and mouths are the most important parts of our bodies.
- **B.** Using your own words, write the main idea of the unit's passage.

C. What is the main idea of the paragraph below?

Computers are everywhere. They help run cars. They keep track of records. They fly planes and cook food! Take a look at your smartphone. Even your fancy little gadget is run by a computer.

Review

Summary Writing

Fill in the blanks.

mouths	nitrogen	oxygen	important	function	lungs
Air is very	to	all living thing:	s. Air is made up	of different gas	es, including
oxygen,	, and	d carbon diox	ride. Of all the ga	ases in air,	
is the most imp	oortant. A perso	on can survive	e for days withou	ut food and wat	er. However,
a person witho	ut oxygen cou	ld die in a fev	v minutes. Wher	n oxygen enters	our bodies,
it goes through	our	and in	to our lungs. Fro	m the	, our
blood carries it	to important or	gans like the	brain, stomach,	and eyes. Oxyg	en helps our
bodies	norm	ally and healt	hily.		

Vocabulary Review

Fill in the blanks.

	carries	lack	fatal	abundant	element	process
1.	A bite from t	hat poiso	nous snake	would be		
2.	The two trav	elers died	I in the dese	ert because of a		of water.
3.	This pipe		the ho	t water into the	next room.	
4.	An	a	mount of sa	and can be foun	d at nearly any	beach.
5.	The	(of evolution	is something th	at will always b	be debated.
6.	Aluminum is	an	1	that is used in la	arge amounts a	around the world.

Vocabulary Expansion

Confusing Words

Although two words may look or sound similar, be aware that they could have two very different meanings.

Study each word and circle the correct answers.

Breath is a noun that refers to the air we use in our bodies.

Breathe is a verb that refers to the action of inhaling and exhaling air into and out of our bodies.

When it is very cold, you can sometimes see your (breathe / breath) when you (breathe / breath).

Bath is a noun that refers to the large tub we sit in when cleaning ourselves.

Bathe is a verb that refers to the action of cleaning ourselves with water.

When it is time to get into the (bath / bathe), I usually (bath / bathe) my feet first.

3. *Cloth* is a noun that refers to material used to make clothing. *Clothe* is a verb that refers to the action of putting on clothes.

They will (cloth / clothe) you with the finest (cloth / clothe) available.

Critical Thinking

This section's main purpose is to promote critical thinking and reinforce debate skills.

One of the biggest problems around the world today is air pollution. In cities around the world, the quality of the air is getting worse. Harmful chemicals from engines and factories are being released into the air, making it unhealthy to breathe. Diseases of the lungs and cancer have been linked to air pollution. Scientists say the problem is getting worse. Many governments have tried to make laws that help stop air pollution. In most big cities around the world, there are rules on how much pollution a factory or car can produce. If people or companies create too much pollution, they can be fined. Although many people and organizations are trying to stop air pollution, it is still a problem for everyone who lives on earth today.

_	were the leader of a country, what would you do to punish those the the air?
What city?	do you think you could do to help improve the quality of the air in you
	though it is harmful, why do you think people continue to pollute our e

Memo

Before You Study

- · How many planets are in our solar system?
- · Can you name any of the planets in our solar system?
- · What do you think the planets are made of?

Did You Know?

- 1. The planet Jupiter is over 1,000 times bigger than Earth.
- 2. It takes about 88 days for the planet Mercury to orbit the Sun.
- **3.** There is a volcano on Mars that is 3 times bigger than Mount Everest.
- 4. It takes about 8 minutes for the light of the Sun to reach Earth.

Vocabulary to Know

a large object in space that orbits a star planet

to violently break into many pieces from high heat or pressure explode

usable power energy

to circle around another object orbit

looking or feeling the same without being exactly the same

hydrogen an abundant element commonly known as a very light gas that burns easily





The **planet** we live on is just one little part of a large group of heavenly objects. We call this group the solar system. The solar system is made up of the sun, eight planets, many small moons, and other small objects. Our solar system was formed around 4.6 million years ago when a massive gas cloud **exploded** and created all the objects we see today.

The largest and most important object in the solar system is the sun. Can you believe that the Sun is 109 times bigger in diameter than the Earth? The sun is the main source of heat and light **energy** for all the objects in the solar system. All the planets in the solar system **orbit** around the sun. Without the Sun, there would be no life on Earth.

The four planets closest to the sun are called the inner planets. These planets are Mercury, Venus, Earth, and Mars. These four planets are very **similar** because they are mostly made of rock and metal. The remaining four planets are very different from the inner planets. Jupiter and Saturn are known as gas giants. They are much bigger than any other planet and are made of gases such as **hydrogen** and helium. The final two planets, Uranus and Neptune, are known as ice giants due to the fact that they are mostly made of ice and water.

Reading Comprehension

- Circle the correct answers.
 - 1. What are the main objects that make up the solar system?
 - a. a moon, 8 suns, and many planets
 - b. the sun, 8 planets, and many moons
 - c. the sun, 7 planets, and many moons
 - 2. What is the largest object in the solar system?
 - a. the earth
 - b. the moon
 - c. the sun
 - **3.** Why are the four inner planets similar to each other?
 - a. because they are made of mostly rock and metal
 - b. because they are made of mostly rock and gas
 - c. because they are made of mostly water and gas
 - **4.** Which two planets are the biggest in the solar system?
 - a. Earth and Mars
 - b. Jupiter and Saturn
 - c. Venus and Mercury
 - **5.** The (earth / solar system) was formed when a massive gas cloud exploded many years ago.
 - **6.** All the planets in the solar system orbit around (the sun / Jupiter).
- Check T for true and F for false.
 - 1. The planet Venus is mostly made of rock and metal.
 - 2. The moon is the main source of light and heat in the solar system.
 - **3.** Jupiter is known as one of the ice giants.
 - **4.** The Sun is 109 times bigger in diameter than the Earth.

Reading Skill

Classifying

When we read a large amount of information, it is useful to classify different things into groups. To do this, we put things with the same characteristics into the same group.

Put each planet into the correct group or category.

Earth	Jupite	r	Neptune	Urd	เทนร
	Venus	Saturn		Mars	Mercury
I	ce Giants			Gas Giant	s
		Inner	Planets		
	_			_	
	_			_	

Review

Summary Writing

Fill in the blanks.

sun	possible	energy	Neptune	metal	system	
Our solar	is	made up of t	he sun, eight pla	anets, many	moons, and oth	ner
small objects.	The largest ob	ject is the _		It is the maj	or source of he	eat
and	for obje	ects in the sol	ar system. All pl	anets in our	solar system or	bit
the sun. If the	Sun did not e	xist, life on E	arth would not	be	Mercu	ıry,
Venus, Mars,	and Earth are	the planets of	closest to the S	Sun. They are	e mainly made	of
rock and	T	he next two p	lanets are Jupit	er and Satur	n, which are hu	ıge
and made of g	gases. The last	two planets	are Uranus and	d b	These to	WO
planets are ma	ainly made of v	vater and ice				

Vocabulary Review

Fill in the blanks.

	planet	massive	energy	orbit	similar	hydrogen	
1.	It takes th	e Earth one ye	ar to	the	e Sun.		
2. Water is made up of two elements, and oxygen.						en.	
3.	Mercury is	s the closest _		_ to the Sur	٦.		
4.	Electrical		is used to	power things	s like the TV.		
5.	David looked like an ant when he was standing next to the pyramid.						
6.	My sister	and I look very	,	, but ou	r personalitie:	s are very different	

Grammar Lesson



The word would is commonly used when writing about an imaginary idea. For example, in this unit's passage, would is used in the sentence without the Sun, there would be no life on Earth. Would is used because the Sun and life on Earth actually exist. The sentence states an idea that is imaginary.

Complete each sentence using would and the given verb.

1.	give	If Sam could make that pig fly, I	$_{\scriptscriptstyle -}$ him a
		million dollars.	

2.	do	Catherine	only	_ it if she were a real
		princess.		

3.	go	How many times _	you	to the moon?
----	----	------------------	-----	--------------

Critical Thinking

This section's main purpose is to promote critical thinking and reinforce debate skills.

Much of what we know about space today is due to the activities and research of NASA. NASA is a government agency of America. This organization researches space and even sends astronauts into space on shuttles and rockets. NASA was responsible for putting the first man on the moon. Recently, NASA even sent a robot to planet Mars to learn about it.

One of the biggest criticisms of NASA is the amount of money they spend on their work. Sending people and robots into space is very expensive. The equipment and technology that NASA needs to do their research are also very expensive. Due to the fact that NASA is a part of the government, the money they use actually comes from the taxes that American people pay. Many people believe that the American government should spend more money solving problems on earth instead of exploring space and other planets.

_	you think NASA should spend public money to explore space? Explain.
ls i	it important to research space and other planets? Explain.
Do	you think there will ever be a time when people live on other planets? Exp
lf y	ou were in charge of NASA, what would change?

Memo

Unit

Before You Study

· How many different types of blood are

00000000

- · What are some words that describe your personality?
- ·What is your blood type?

Blood Type and Character

Did You Know?

- 1. The most common type of blood in the world is type O.
- 2. Blood makes up about 7% of your total body weight.
- 3. The average human adult has about 5 liters of blood in their body.
- 4. US President Barack Obama has type AB blood.



Vocabulary to Know

coming from or relating to the continent of Europe European the group of traits that make up a person's character personality creative imaginative and having interesting new ideas

irresponsible not showing responsibility forgetful likely to not remember things

a feeling of envy due to another person's achievement or advantage **jealousy**