

back 3,500 years.

In 221 B.C., when European kingdoms and states were still fighting among themselves, one of China's first great rulers

united warring states to form a great empire. For over two thousand years from 221 B.C. until A.D. 1912—the empire developed under the watchful eyes of more than a dozen ruling families, called dynasties. In 1912, the long-lasting empire collapsed as the last emperor stepped down.

During the time of the empire, the people of China accomplished a great deal. They invented printing, gunpowder, fireworks, the compass, and kites. Chinese workers built the world's longest wall and its longest canal. From studying the eating habits of tiny caterpillars, the

Chinese discovered the secrets of silkmaking. From a soggy mixture of old rags, bark, and bamboo, they created paper. The list of Chinese achievements is long.

Let's find out more about these people and their empire.



A CHINA TAKES ITS name from the dynasty started by the powerful first emperor, Shi Huangdi, of the Qin dynasty. (In earlier dynasties, kings and their nobles ruled.) In Chinese, the word Qin sounds like "chin." Hence our word "China." The first

emperor ruled for only 14 years, from 221 B.C. to 207 B.C. but he united the country by defeating the local rulers of states. Emperor Shi Huangdi built a strong central government. He made sure his strict laws were obeyed and required everyone to pay taxes.

THIS EARTH-ANDstone wall is China's most famous landmark. Known as the Great Wall, it's the longest humanmade construction in the world. Stretching over

1,500 miles along China's northern border, it was built to protect the country from enemies. Although parts of the wall offered protection from minor attacks, the Great

Wall could not have stopped a major invasion. Several hundred miles of the wall still stand today, a symbol of China's power and unity



of its early history. China's contacts with the rest of the

world were somewhat limited. China's many mountain ranges and its deserts discouraged trade and travel and protected it from invasion by the "barbarian" tribes that lived near China's border. The Chinese traditionally saw themselves as the center of the universe, calling

their country

Zhongquo, meaning Middle Kingdom.

For more on ancient China, go to history.com/topics/great-wall-of-china

The Chinese Dynasties

A dynasty is a series of rulers who all belong to the same family. Ancient China's first dynasty was the Shang. By 1788 в.с. the Shang family had

grown so powerful that it was able to take control of much of China. Here are China's major dynasties. A representative piece of art is shown for each.













Sui 589-618 TANG 618-906



Song 960-1279



YUAN 1279-1368



Ming 1368-1644



Qing 1644-1912

From Top to Bottom Ancient Chinese society was like a

Ancient Chinese society was like a ladder. On the very top step—the highest rank in society—stood the emperor and the royal family. They possessed the most power and wealth. Just below them stood civil servants. These government workers were highly respected because they served the royal family and because they could read and write. Below civil servants stood the peasants and the craftspeople. Although peasants were farmers and had little money, China depended on them to

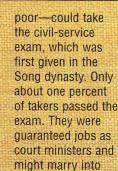
produce food for everyone. Craftspeople made tools, weapons, furniture, and household goods for the upper classes. Near the bottom of the ladder stood the merchant class. Although many of this class were rich, such as traders and shop-keepers, they were looked down upon because they made their wealth from trading goods produced by others—not by their own hand. On the very bottom step of the ladder stood entertainers, soldiers, and servants. People on the bottom of the social ladder had little hope of climbing up, though a lucky few did.

✓ CIVIL SERVANTS
played a key role in
bringing order and
stability to society.
They collected
taxes, enforced
laws, organized
workers for building projects, and
judged court cases.





A STUDENTS WHO
hoped to join the
civil service spent
many hours studying the teachings
of the philosopher
Gonfucius. Most
candidates came
from rich, landowning families.
However, any
male—rich or



the royal family.

✓ ARTISANS (PEOPLE who worked with their hands), or craftspeople, held a respected place in society. They used their skills to make

and cooking utensils. Craftspeople wove silk cloth or made bronze, jade, or clay into works of art and religious objects. Some worked in factories

owned by the government.
Customers for their goods included the families of the emperor, civil servants, and wealthy merchants.



Celebrating the Chinese Year

The Chinese calendar is rich in festivals that date back to ancient times. Festivals are times for families to come together to share food and fun. Here are a few of the special days in the Chinese year that have their roots in ancient China.

Chinese New Year

The most important festival is the New Year, or Spring, Festival, Held on the first day of the first lunar month, it takes place at the end of January or the beginning of February and lasts for fifteen days. (The earliest Chinese calendar was based on the cycles of the moon. This moon, or lunar, calendar divided the year into thirteen months.) The celebration began as a spring festival before the spring planting. China's farmers gave thanks for the renewed fertility of the soil. Today, Spring Festival is a time to pay debts, settle quarrels, and make a fresh start to the new year.



A SETTING OFF FIREcrackers to start the New Year is linked to a legend about a beast who

lived inside a mountain. At the end of each year, it came out to kill people. Knowing that it feared light and noise, people lit firecrackers to keep it away. Today firecrackers stand for good luck and success in business.

Spring of Good Luck, This Year, Every Year



A RED IS A LUCKY color that stands for joy and good fortune. During Spring Festival. friends exchange gifts wrapped in red paper and children get money in red packets from relatives.

A TODAY, FOR THE New Year, families hang banners on the front of their homes wishing the reader happiness and good fortune. This practice dates back over a thousand years. The rich would post wooden plates on their doors with verses such as: "Days of Peace, Year in, Year Out."

➤ THE CLEAR AND Bright Festival is a time for taking trips to the countryside to enjoy the scenery and for flying kites in the shape of butterflies, goldfish, eagles, frogs, and heroes from Chinese operas. The festival takes place in early April. Today, families celebrate by

visiting the ceme-

ancestors. They

up weeds, and

sweep graves, pull

tery to honor

➤ THE DRAGON BOAT Festival, which is in late May or early June, honors the poet Qu Yuan, who drowned himself throw a corrupt government nearly

plant flowers.

Originally, the fes-

tival honored the

memory of Jie Zie

Dui for his loyalty

to his ruler, Chong

Er, over 2,000

years ago.

2,300 years ago. As they looked for his body, people threw rice to distract the fish, fearing the fish might the festival is a time for rowboat

➤ EACH YEAR, ONE

night in September

is moon-watching

time, during the

Festival. On that

brightly. The full

say, the moon

shines most

night, the Chinese

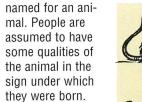
Mid-Autumn

races in dragonshaped boats and for eating a sticky rice dumpling. The sweet is a reminder of the rice the peoafter failing to over- eat the body. Today ple threw to the fish as they searched for Qu Yuan.



Chinese mark the end of the Spring Festival with the ancient times, the festival celebrated light and warmth after the winter's cold. During the Han dynasty, the Lantern Festival celebrated the political leader and the coming to power of a new ruler.

★ Tang Dynasty emperors closed all government offices during the Lantern Festival. Tang emperor Xuan Zong put up a lantern wheel 200 feet high outside the gates of his palace. The wheel had 50,000 lanterns on it.



What is the animal

sign for the year

New Year's cele-

activities. The first

two days are times

clothes and visit

family and friends,

exchanging gifts of

to put on new

cake, oranges.

people sweep

On the third day,

their houses, clear-

ing away the old to

let in health and

happiness. On the

fourth day, daugh-

ters visit their par-

ents. It is also the

lion dancers to

streets.

day for dragon and

parade through the

and candy.

of your birth?

RAT-1996, 2008 Honest, ambitious, and a big spender. Beware of horses.



0x-1997, 2009 Bright and patient. Inspiring to others. Marry a snake.



TIGER-1998, 2010 Brave and sensitive. Look to

the horse for happiness, but

stay away from the monkey.



RABBIT-1999, 2011 Luckiest of all. Talented and loving, yet shy. Marry

a ram or boar.

avoid the dog.



Dragon-2000, 2012 Proud, energetic, and blessed with good health. Marry a monkey or rat, but



SNAKE-2001, 2013 Wise and good-looking, but hot-tempered. Beware of boars.



Horse-1990, 2002 Popular and good-looking, but impatient. Never marry a rat.



RAM-1991, 2003 Elegant and creative, but shy. Marry a boar or

rabbit, but not an ox.



Monkey-1992, 2004 Smart and funny, but easily confused. Avoid tigers.



ROOSTER-1993, 2005 Honest and adventurous, but selfish. Seek snakes and oxen



Dog-1994, 2006 Loyal and honest, but stubborn and often selfish. Watch out for dragons.



BOAR-1995, 2007 Honorable and brave. Seek out a rabbit or ram but avoid other boars.



moon is a symbol

for family reunion.

Relatives gather

for dinner. They

eat round, sweet

cakes are served

for every month

of the lunar year.

piled 13 high, one

moon cakes. Moon



⋖ On the fifteenth day of the first month, the Lantern Festival. In the increasing dayouster of an unjust

➤ IN ANCIENT CHINA, astrologers taught

that every twelve

years, events on

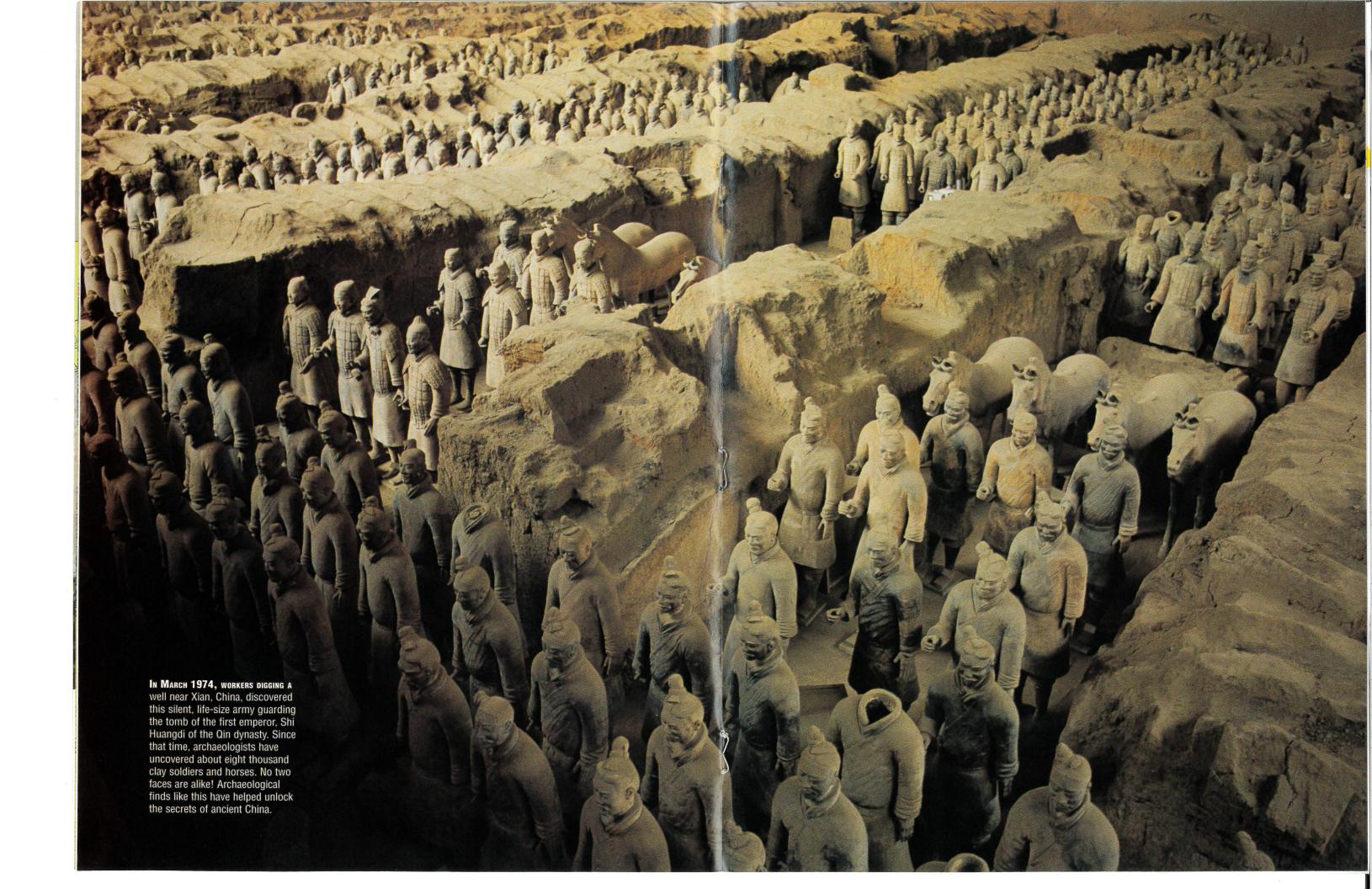
earth repeat them-

selves, and that a

person's birth year

success. Each year

influences one's



The next time you write on paper, use a compass on a hike, watch a fireworks display, carry a heavy load in a wheelbarrow, or play cards, thank the Chinese. The Chinese were the first to invent all of these items. and many more.



TODAY WE CALL IT a compass, but the ancient Chinese knew this invention as a "south-pointing fish." The Chinese were the first to discover that a magnetic object could indicate direction. The "south-pointing fish" consisted of a wooden fish with a piece of metal floating in a bowl of water. It was used for overland and ocean voyages. appeared at the

the first water clock to an emperor of the Song dynasty. It took Su Song four years to construct the 30-foot-high clock. Built in the shape of a tower, the clock's movements were driven by water flowing into buckets on a waterwheel inside the clock tower. As each bucket filled, a lever tilted, the wheel turned, and a new bucket was filled. The clock had bells and gongs that rang every 15 minutes. Revolving figures

➤ In 1090 a civil

servant named Su

Song presented

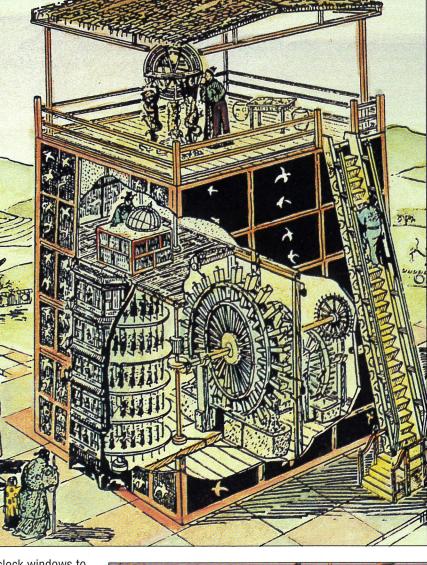




In the 1100s, the Chinese began making fireworks from gunpowder by stuffing the powder into hollow sticks of bamboo and lighting them. Fireworks were believed to scare away evil spirits and ghosts.

have flown kites for at least 2,500 years. They were probably the first people to make kites, constructing them of silk and bamboo. After the invention of paper,

favored material. Soldiers of the Han dynasty sailed kites to frighten their enemies. In ancient times, kites were a popular way to celebrate festivals.









▲ Printing was invented during the Tang dynasty. An artisan carved away the surface of a wooden block to create a character (a symbol for a word) of the Chinese language and then applied ink to this surface. The printer stamped the inked surface on paper. Later, the Chinese went a step further. learning how to make movable type in a wooden frame.

Y THE CHINESE It takes 40,000 invented the wheeljust twelve pounds barrow almost two thousand years ago. They called their invention the "wooden ox" or "gliding horse." A worker could push it or pull it. Almost 1,300 years passed before Europeans learned of this labor-saving device and copied it.

For hundreds of years, the Chinese kept the secrets of silk-making to themselves. Eventually, Europeans discovered how it was done and smuggled this knowledge out of the country.

1 Silk thread comes from the cocoon of a caterpillar which feeds on mulberry leaves.



2 Baby silkworms feed on mulberry leaves until they've stored enough fat to build cocoons. They make their silky cocoons from a jellylike substance in their silk glands.



week, workers steam or bake the cocoons to kill the worms inside. The cocoons are then rinsed in hot water to loosen the tightly woven strands of silk thread that make up the cocoon. The strands are unwound onto a spool. Each cocoon is made

up of a thread about half a mile long. About six of these twisted together make one thread strong enough for spinning.

discovered it two centuries earlier. Along

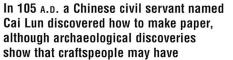
with the printing press, this invention made

possible rapid changes in communications.

Papermaking

1 Silk rags, mulberry bark, bamboo, and hemp were mixed together in a large vat and soaked in water to soften them.

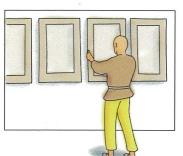
3 A fine screen was dipped into the pulp to gather up a thin film of fibers. The screen was pressed to remove the water.







2 The mixture was boiled, mashed, and pounded to form pulp, a soft, wet mass of material.



4 The screen with the sheet of paper on it was left to dry on a heated wall. When dry, the paper was peeled off the screen.





By Land and Sea

When the Chinese turned their skills to building, trade, and travel, they showed the same creative spirit that made them such remarkable inventors.

The most amazing feat of Chinese engineering is the Great Wall, but a close second is the Grand Canal. The canal, a massive building project, helped make trade and travel between parts of China easier.

One of the ancient world's most famous trade routes, the four-thousand-mile-long Silk Road served as a thoroughfare for merchants traveling between China and other parts of Asia and Europe carrying silk, spices, and other goods.

In the 1400s, the Chinese set out to show the world their skills as sailors. The Ming emperor Yong Lo sent a huge fleet of ships on seven sea voyages to show foreign rulers that China was a great naval power.

The major constructions helped unify the country, while the trade links let others find out all about it.



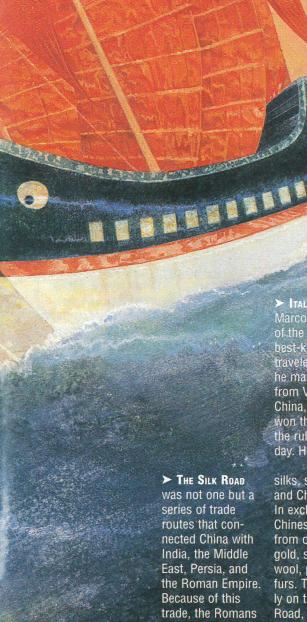
(AT ONE THOUSAND diers and grain Grand Canal is the world's longest canal. Built by Emperor Yang Di (569-618) during help transport sol- built by connecting as the emperors

it linked the Yangzi and Yellow rivers and stretched from Hangzou in the south to Beijing in

new and existing improvements were made on the waterway during

engineering

had hoped. It made it easier to collect taxes, distribute orain, and transport soldiers



> THE SILK ROAD series of trade routes that connected China with India, the Middle the Roman Empire. Because of this trade, the Romans Serica, "Land of Silk." Chinese merchants made great

silks, spices, tea, and Chinese crafts. In exchange, the Chinese received from other traders gold, silver, glass, wool, pearls, and furs. To travel safe ly on the Silk Road, merchants formed caravans. Traveling together lowered their risk of being attacked by robbers. Few

of the Silk Road's

travelers. In 1271

he made the trip

won the favor of

the rulers of the day. He served as

from Venice to

> ITALIAN MERCHANT a valued official in

years. When he

returned to Italy, he

wrote Description

which gave most

of the World.

the entire route themselves. Instead, goods were sold from

one trader to another until at last the precious cargo reached its

naval power. On his first voyage. the admiral's fleet seven voyages into consisted of 63 ships and 28,000 men. After **Emperor Yong** Lo's death, the voyages abruptly stopped. New Ming rulers forbade Chinese ships to sail outside of coastal waters and greatly reduced Chinese contacts with foreigners.



✓ DURING THE MING

dynasty, Admiral

what the Chinese

"Western Ocean."

Between 1405 and

1431, Zheng He's

Zheng He led

called the

fleet visited

Southeast Asia,

India, Arabia, and

Africa. Their goal

was not conquest

or trade. They

the world that

wanted to show

China was a great

smoke signals



A THE DEATH OF hundreds of thou sands of workers while building the Great Wall earned it the nickname "Longest Cemetery on Earth." Workers ate little and worked long hours carving granite blocks, digging trenches, and pushing backbreaking loads up steep hillsides. Most died of overwork and



Finding the Chinese Medicine Through thousands of years of ing dating back to the Han dyr Chinese developed many ways **Present**

Although Chinese society has faced great changes since the last emperor lost his throne in 1912. evidence of ancient China is everywhere in the modern world. Chinese cooking. medicine, and exercise contain elements thousands of years old. The paintings and pottery of the artists of the past inspire the young artists of today. Two of the world's great belief systems— Confucianism and Daoism—began in China. The ideas of their founders have had an impact on everything—from politics to cooking to martial arts.



Through thousands of years of experimenting dating back to the Han dynasty, the Chinese developed many ways of caring for



A DO YOU WANT clearer skin? Perhaps an herbalist can help. One treatment recommends swallowing a mixture that contains ground-up pearl.

An herbalist offers treatments combining herbs, leaves, roots, and bark plus dried and powdered snake, lizard, or animal horn.

the sick and improving health. Herbal medicine, massage, and acupuncture are all forms of traditional Chinese medicine. Healers try not only to treat illness but also to bring the body back to its natural balance.



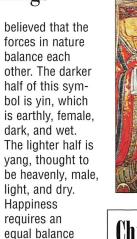
◄ Acupuncture is an old form of Chinese medicine. Chinese doctors believed energy flowed along 12 lines in the body. Doctors eased pain and treated certain illnesses by sticking very fine needles into the skin at special points along these lines. This 600year-old acupuncture chart shows the arm's main needle points.

Chinese Teachings believed that the



A HAVE YOU EVER seen someone wearing one of these? This yinyang symbol is often linked with Daoism. The ancient Chinese

⋖ CONFUCIUS IS China's bestknown thinker. Born in 551 B.C., he lived during a time of constant warfare in China. His ideas show his desire to restore peace. Confucius taught that the relationships between ruler and ruled, father and son, older brother and younger brother,



between yin

and husband and

wife were impor-

tant in keeping

order in society.

In each relation-

ship, the "superi-

or" person's duty

is to look after the

"inferior" person,

whose job it is to

For example, sons

follow and obey.

and daughters

their parents,

and subjects

their ruler.

respect and obey

and yang.

▼ DAOISM IS THE other major belief system that began in China. Dao means "the way" in Chinese. The founder of Daoism was Lao Zi. born in 604 B.C. Lao Zi believed there was a balance in nature that should not be disturbed. He wanted people to live simple lives in harmony with nature.

Chinese Art

➤ ALTHOUGH THE ART of cloisonné was probably invented in the Middle East. Chinese artists perfected the process of decorating the surfaces of metal containers with enamel paint. The artist makes designs on the metal with tiny wires called cloisons. Brightly colored enamel paints cover the space between the wires. The metal object is heated to bind the enamel to it



THE CHINESE LAN guage is made up of more than
40,000 signs, or characters. Some stand for sounds. stand for sounds.
Others are pictures or symbols of words. The strokes that make up each character have to be written in the proper order. The Chinese made writing into a fine art form called calligraphy. In

MANY STYLES OF

movements recall-

ing such animals

leopard, and tiger.

The kung fu style

chun was invent-

Yim Wing Chun.

Its movements

are based on

and snake.

ed by a nun called

those of the crane

known as wing

as the dragon,

kung fu have

China, the work of a master calligrapher is considered equal or superior

Martial Arts

⋖ MARTIAL ARTS ARE fighting skills that

developed in Asia

hundreds of years

ago. Today people

all over the world

for exercise, self-

defense, and fun.

practice these skills

The martial arts that

began in China are

called wushu.

Americans know

them as kung fu,

"good effort." Kung

fu is at least 2,000

years old and may

Today the Chinese

practice hundreds

of styles of kung fu.

have started in

northern China.

words meaning



to painting. Calligraphers use special brushes and inks



'ΜΩΙΙΝΤΔΙΝ' right) looked like

> Changes in the

CHINESE CHARACTER

a mountain. Like many others, this character changed until it reached its present shape. Can you find any reminders of the original character in the one used today (see bottom right)?



sticks come in wood, bamboo, silver and ivory.

Rest the bottom humb and the

chopstick between third finger. This chopstick never moves.

each other.



The Art of Chinese Cooking CHECK IT OUT!

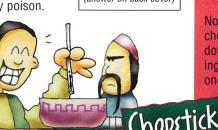
Y EMPERORS PICKED A THE WOK IS THE Chinese cook's their chefs caremain cooking pot, fully. To be certain used especially the food was not for stir-frying. Its poisoned, trusted rounded bottom servants put a allows heat to silver rod into spread evenly so each dish before food cooks quickthe emperor ly. Steaming, boilate it. If the rod ing, deep frying, turned black, it or stir-frying are had touched all ways to cook arsenic, a Chinese food. The deadly poison Chinese developed stir-frying to save time and costly fuel. Food

Chinese found creative ways to preserve foods. The Chinese make so-called 1,000year-old eggs. Do vou know how they are made? (answer on back cover)

In the centu-

refrigeration, the

ries before



(hopstick Manners Never point with

your chopsticks. Never leave your chopsticks standing up in your rice bowl In this position, the chopsticks look like the incense sticks set before a grave.



⋖ A CHINESE ARTIST made this piece by painting a wooden box with up to 35 thin coats of lacquer, a sticky liquid that

sap of a tree. Artists covered wood or bamboo kitchen tools with lacquer layers so they could withstand high heat. comes from the

is cut into small,

that it cooks

faster.

bite-size pieces so

Lacquerware was

often colored with black, red, brown, or gold lacquer. The babies of the rich ate from lacquer spoons and bowls.



M

have eaten with chopsticks 3,000 years ago. Chopstick use spread to other parts of East Asia. Today chopplastic, and even



Hold the top chop stick like a pencil This chopstick moves up and down. Keep the tips of the chopsticks even with



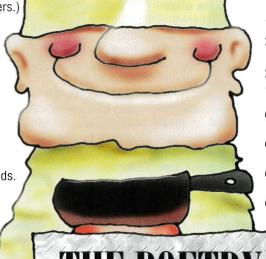
How long did China's major dynasties last? Here's how to make a bar graph to compare the length of dynasties. The dates of major dynasties are given on pages 2-3. Subtract the lower number from the higher to find the length of the dynasty (except for the Han dynasty, which spans B.C. and A.D., add the two numbers). Then record the information on the bar graph. Above each dynasty's name, draw a thick line from the bottom of the graph to the nearest number of years of the dynasty's rule. The first one is done for you.



Some Chinese cooking is very elaborate, and some is quite simple. Here are two easy recipes you can prepare with the help of an adult. Each recipe serves about four people.

FRIED RICE

- 3 cups cooked rice (This is good for using up leftovers.)
- 2 tablespoons vegetable oil
- 2 tablespoons chopped onion
- 2 eggs, well beaten
- ½ cup cooked ham cut into small cubes (or small shrimp or cubed cooked chicken)
- 1 tablespoon soy sauce
- Heat a frying pan over high heat and add the oil.
- 2 Cook the onions for a few seconds.
- 3 Add eggs and cook another few seconds.
- 4 Add rice, ham, and soy sauce and stir for about 3 minutes.



EGG DROP SOUP

- 2 cans chicken broth with the fat taken off the top
- 1 can water
- 2 tablespoons cornstarch mixed with 4 tablespoons water
- 2 eggs slightly beaten
- 1 tablespoon chopped scallions
- Put broth and water in a covered pot and bring to a boil.
- 2 Add the cornstarch mixture and turn off the heat.
- 3 Pour in the beaten eggs while you stir gently.
- 4 Add the scallions and serve

The Chinese have some poetic names for some common terms. Match the items in column two with their poetic nicknames in column one.

- 1. China's curse
- 2. gliding hørse
- 3. south-pointing fish
- 4. longest cemetery on earth
- A. compass
- B. Great Wall
- C. Yellow River

D. wheelbarrow

WORDS OF WISDOM

17 36 4 5

2. Source of silk threads

9 18 37 33

1. Home of Ming and Qing rulers

3. Italian visitor to ancient China

4. Su Song's timely invention

1 21 20 24

5. Ruling family

45 41 23 10

6. Four-thousand-mile-long trade route

44 34

7. First emperor of China

8. Longest human-made construction in the world

9. Chinese eating utensils

42 39

10. Healing art using needles

14

11. Chinese thinker

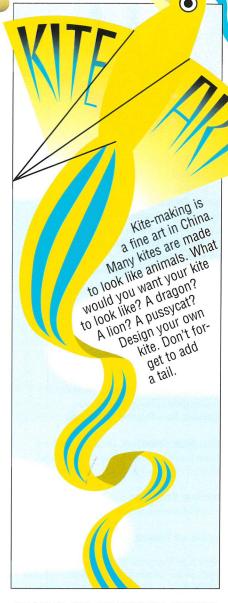
30 25

12. Chinese "letter"

38 43

Numbers are underneath some of the letters. Put each numbered letter in the blank with the same number. You will have a quote by the Chinese thinker Confucius.

1	2	3	4	5	6 7		8	9	10	11 12	2	13	14 15	16
17	18	19	20	21	22	23	24	25	26 2	27 28	29	30	31	32
33	34	35	36	37	38	39	-	40	41 42	2 43	44	45		



MORE ON ANCIENT CHINA

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Children's Magazine

Category





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Winner of the Children's Periodical of the Year

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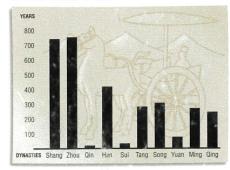
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Answers:

PAGE 17: Do you know how thousand-year-old eggs are made? The Chinese make these so-called 1,000-yearold eggs by covering a duck or chicken egg with a mixture of powdered lime, ashes, and salt. It is then buried in the ground for about 100 days. When the egg is dug up, the shell has turned black and looks like it has been buried for centuries. The yolk is green and cheeselike. The uncooked egg is popular as banquet food or a breakfast treat.

PAGE 18: DYNASTY GRAPH:



THE POETRY OF NAMES: 1. C; 2. D; 3. A; 4.B. PAGE 19: WORDS OF WISDOM: 1. Forbidden City; 2. cocoon; 3. Marco Polo; 4. water clock; 5. dynasty; 6. Silk Road; 7. Shi Huangdi; 8. Great Wall; 9. chopsticks; 10. acupuncture; 11. Confucius; 12. character. Quotation by Confucius: What you do not want done to yourself, do not do to others.

COVER: The Emperor Yang Di with Sailing Craft, seventeenth centur Library: Bibliothèque Nationale, I

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and lake).

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