Essential Question
How did India and China establish powerful empires and develop vibrant cultures?

What You Will Learn
In this chapter you will learn about the establishment and development of empires in India and China.

SECTION 1 India’s First Empires
Main Idea The Mauryas and the Guptas established empires, but neither unified India permanently.

SECTION 2 Trade Spreads Indian Religions and Culture
Main Idea Indian religions, culture, and science evolved and spread to other regions through trade.

SECTION 3 Han Emperors in China
Main Idea The Han Dynasty expanded China’s borders and developed a system of government that lasted for centuries.

Previewing Themes

<table>
<thead>
<tr>
<th>POWER AND AUTHORITY</th>
<th>In both India and China in the 200s B.C., military leaders seized power and used their authority to strengthen the government.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography</td>
<td>Study the map. What geographic factors might have made further expansion difficult for both empires?</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CULTURAL INTERACTION</th>
<th>From the time of the Aryan nomads, Indian civilization was a product of interacting cultures. In China, the government pressured conquered people to adopt Chinese culture.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography</td>
<td>What geographic feature was the main connection between the empires of India and China?</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RELIGIOUS AND ETHICAL SYSTEMS</th>
<th>Hinduism and Buddhism were India’s main religions by 250 B.C. The ethical teachings of Confucius played an important role in Chinese life. Buddhism also took root in China.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography</td>
<td>What dates on the time line are associated with religious changes in China and India?</td>
</tr>
</tbody>
</table>
Would you spy for your government?

You are a merchant selling cloth out of your shop when a stranger enters. You fear it is one of the emperor’s inspectors, coming to check the quality of your cloth. The man eyes you sternly and then, in a whisper, asks if you will spy on other weavers. You would be paid four years’ earnings. But you might have to turn in a friend if you suspect he is not paying enough taxes to the government.

EXAMINING the ISSUES

- Is it right for a government to spy on its own people?
- What kinds of tensions might exist in a society where neighbor spies upon neighbor?
- Is there a time when spying is ethical?

As a class, discuss these questions. In your discussion, review what you know about how other emperors exercised power in places such as Persia and Rome. As you read about the emperors of India and China, notice how they try to control their subjects’ lives.
Setting the Stage

By 600 B.C., almost 1,000 years after the Aryan migrations, many small kingdoms were scattered throughout India. In 326 B.C., Alexander the Great brought the Indus Valley in the northwest under Macedonian control—but left almost immediately. Soon after, a great Indian military leader, Chandragupta Maurya (chuhn•druh•GUP•tuh-MAH•oor•yuh), seized power.

The Mauryan Empire Is Established

Chandragupta Maurya may have been born in the powerful kingdom of Magadha. Centered on the lower Ganges River, the kingdom was ruled by the Nanda family. Chandragupta gathered an army, killed the unpopular Nanda king, and in about 321 B.C. claimed the throne. This began the Mauryan Empire.

Chandragupta Maurya Unifies North India

Chandragupta moved northwest, seizing all the land from Magadha to the Indus. Around 305 B.C., Chandragupta began to battle Seleucus I, one of Alexander the Great’s generals. Seleucus had inherited part of Alexander’s empire. He wanted to reestablish Macedonian control over the Indus Valley. After several years of fighting, however, Chandragupta defeated Seleucus. By 303 B.C., the Mauryan Empire stretched more than 2,000 miles, uniting north India politically for the first time. (See map on page 191.)

To win his wars of conquest, Chandragupta raised a vast army: 600,000 soldiers on foot, 30,000 soldiers on horseback, and 9,000 elephants. To clothe, feed, and pay these troops, the government levied high taxes. For example, farmers had to pay up to one-half the value of their crops to the king.

Running the Empire

Chandragupta relied on an adviser named Kautilya (kow•TIHL•yuh), a member of the priestly caste. Kautilya wrote a ruler’s handbook called the Arthasastra (AHR•thuh• SHAHS•truh). This book proposed tough-minded policies to hold an empire together, including spying on the people and employing political assassination. Following Kautilya’s advice, Chandragupta created a highly bureaucratic government. He divided the empire into four provinces, each headed by a royal prince. Each province was then divided into local districts, whose officials assessed taxes and enforced the law.

Life in the City and the Country

To stay at peace, Seleucus sent an ambassador, Megasthenes (muh•GAS•thuh•neez), to Chandragupta’s capital.
Megasthenes wrote glowing descriptions of Chandragupta’s palace, with its gold-covered pillars, many fountains, and imposing thrones. The capital city featured beautiful parks and bustling markets. Megasthenes also described the countryside and how farmers lived:

**PRIMARY SOURCE**

> [Farmers] are exempted from military service and cultivate their lands undisturbed by fear. They do not go to cities, either on business or to take part in their tumults. It therefore frequently happens that at the same time, and in the same part of the country, men may be seen marshaled for battle and risking their lives against the enemy, while other men are ploughing or digging in perfect security under the protection of these soldiers.

*Megasthenes,* in Geography by Strabo

In 301 B.C., Chandragupta’s son assumed the throne. He ruled for 32 years. Then Chandragupta’s grandson, **Asoka** (uh•SOH•kuh), brought the Mauryan Empire to its greatest heights.

**Asoka Promotes Buddhism** Asoka became king of the Mauryan Empire in 269 B.C. At first, he followed in Chandragupta’s footsteps, waging war to expand his empire. During a bloody war against the neighboring state of Kalinga, 100,000 soldiers were slain, and even more civilians perished.

Although victorious, Asoka felt sorrow over the slaughter at Kalinga. As a result, he studied Buddhism and decided to rule by the Buddha’s teaching of “peace to all beings.” Throughout the empire, Asoka erected huge stone pillars inscribed with his new policies. Some edicts guaranteed that Asoka would treat his subjects fairly and humanely. Others preached nonviolence. Still others urged **religious tolerance**—acceptance of people who held different religious beliefs.

Asoka had extensive roads built so that he could visit the far corners of India. He also improved conditions along these roads to make travel easier for his
officials and to improve communication in the vast empire. For example, every nine miles he had wells dug and rest houses built. This allowed travelers to stop and refresh themselves. Such actions demonstrated Asoka’s concern for his subjects’ well-being. Noble as his policies of toleration and nonviolence were, they failed to hold the empire together after Asoka died in 232 B.C.

A Period of Turmoil

Asoka’s death left a power vacuum. In northern and central India, regional kings challenged the imperial government. The kingdoms of central India, which had only been loosely held in the Mauryan Empire, soon regained their independence. The Andhra (AHN•druh) Dynasty arose and dominated the region for hundreds of years. Because of their central position, the Andhras profited from the extensive trade between north and south India and also with Rome, Sri Lanka, and Southeast Asia.

At the same time, northern India had to absorb a flood of new people fleeing political instability in other parts of Asia. For 500 years, beginning about 185 B.C., wave after wave of Greeks, Persians, and Central Asians poured into northern India. These invaders disrupted Indian society. But they also introduced new languages and customs that added to the already-rich blend of Indian culture.

Southern India also experienced turmoil. It was home to three kingdoms that had never been conquered by the Mauryans. The people who lived in this region spoke the Tamil (TAM•uhl) language and are called the Tamil people. These three kingdoms often were at war with one another and with other states.

The Gupta Empire Is Established

After 500 years of invasion and turmoil, a strong leader again arose in the northern state of Magadha. His name was Chandra Gupta (GUP•tuh), but he was no relation to India’s first emperor, Chandragupta Maurya. India’s second empire, the Gupta Empire, oversaw a great flowering of Indian civilization, especially Hindu culture.

Chandra Gupta Builds an Empire The first Gupta emperor came to power not through battle but by marrying a daughter of an influential royal family. After his marriage, Chandra Gupta I took the title “Great King of Kings” in A.D. 320. His empire included Magadha and the area north of it, with his power base along the Ganges River. His son, Samudra (suh•MU•druh) Gupta, became king in A.D. 335. Although a lover of the arts, Samudra had a warlike side. He expanded the empire through 40 years of conquest.
Daily Life in India  The Gupta era is the first period for which historians have much information about daily life in India. Most Indians lived in small villages. The majority were farmers, who walked daily from their homes to outlying fields. Craftspeople and merchants clustered in specific districts in the towns. They had shops on the street level and lived in the rooms above.

Most Indian families were patriarchal, headed by the eldest male. Parents, grandparents, uncles, aunts, and children all worked together to raise their crops. Because drought was common, farmers often had to irrigate their crops. There was a tax on water, and every month, people had to give a day’s worth of labor to maintain wells, irrigation ditches, reservoirs, and dams. As in Mauryan times, farmers owed a large part of their earnings to the king.

Southern India followed a different cultural pattern. Some Tamil groups were matriarchal, headed by the mother rather than the father. Property, and sometimes the throne, was passed through the female line.

Height of the Gupta Empire  While village life followed unchanging traditional patterns, the royal court of the third Gupta emperor was a place of excitement and growth. Indians revered Chandra Gupta II for his heroic qualities. He defeated the Shakas—enemies to the west—and added their coastal territory to his empire. This allowed the Guptas to engage in profitable trade with the Mediterranean world. Chandra Gupta II also strengthened his empire through peaceful means by negotiating diplomatic and marriage alliances. He ruled from A.D. 375 to 415.

During the reign of the first three Guptas, India experienced a period of great achievement in the arts, religious thought, and science. These will be discussed in Section 2. After Chandra Gupta II died, new invaders threatened northern India. These fierce fighters, called the Hunas, were related to the Huns who invaded the Roman Empire. Over the next 100 years, the Gupta Empire broke into small kingdoms. Many were overrun by the Hunas or other Central Asian nomads. The Empire ended about 535.

**TERMS & NAMES**

1. Mauryan Empire
2. Asoka
3. religious toleration
4. Tamil
5. Gupta Empire
6. patriarchal
7. matriarchal

**Using Your Notes**

2. Which similarity of the empires do you consider the most significant? Explain.

<table>
<thead>
<tr>
<th>Mauryan</th>
<th>Gupta</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAIN IDEAS**

3. Why was Asoka’s first military campaign also his last campaign?
4. Who were the Tamil people?
5. What caused the fall of the Gupta Empire?

**CRITICAL THINKING & WRITING**

6. SUPPORTING OPINIONS  Which Indian ruler described in this section would you rather live under? Explain.
7. DRAWING CONCLUSIONS  What impact did the Greeks, Persians, and Central Asians have on Indian life between the Mauryan and Gupta empires?
8. ANALYZING ISSUES  Which empire, Mauryan or Gupta, had a more significant impact on Indian history? Explain.
9. WRITING ACTIVITY  For three of the rulers in this section, choose an object or image that symbolizes how that ruler exercised power. Write captions explaining why the symbols are appropriate.

**CONNECT TO TODAY**  CREATING A PIE GRAPH

Use the Internet or library sources to create a pie graph showing the percentage of the population in India today that is Hindu, Buddhist, or a follower of other religions.
**Setting the Stage**

The 500 years between the Mauryan and Gupta empires was a time of upheaval. Invaders poured into India, bringing new ideas and customs. In response, Indians began to change their own culture.

**Buddhism and Hinduism Change**

By 250 B.C., Hinduism and Buddhism were India’s two main faiths. (See Chapter 3.) Hinduism is a complex polytheistic religion that blended Aryan beliefs with the many gods and cults of the diverse peoples who preceded them. Buddhism teaches that desire causes suffering and that humans should overcome desire by following the Eightfold Path. Over the centuries, both religions had become increasingly removed from the people. Hinduism became dominated by priests, while the Buddhist ideal of self-denial proved difficult for many to follow.

**A More Popular Form of Buddhism**

The Buddha had stressed that each person could reach a state of peace called nirvana. Nirvana was achieved by rejecting the sensory world and embracing spiritual discipline. After the Buddha died, his followers developed many different interpretations of his teachings.

Although the Buddha had forbidden people to worship him, some began to teach that he was a god. Some Buddhists also began to believe that many people could become Buddhas. These potential Buddhas, called bodhisattvas (boh•dih•SUHT•vuhz), could choose to give up nirvana and work to save humanity through good works and self-sacrifice. The new ideas changed Buddhism from a religion that emphasized individual discipline to a mass religion that offered salvation to all and allowed popular worship.

By the first century A.D., Buddhists had divided over the new doctrines. Those who accepted them belonged to the **Mahayana** (MAH•nuh•YAH•nuh) sect. Those who held to the Buddha’s stricter, original teachings belonged to the **Theravada** (THEH•ruh•VAH•duh) sect. This is also called the Hinayana (HEE•nuh•YAH•nuh) sect, but Theravada is preferred.

These new trends in Buddhism inspired Indian art. For example, artists carved huge statues of the Buddha for people to worship. Wealthy Buddhist merchants who were eager to do good deeds paid for the construction of **stupas**—mounded stone structures built over holy relics. Buddhists walked the paths circling the stupas as a part of their meditation. Merchants also commissioned the carving of...
This Buddha is carved in the Gandharan artistic style, a blend of Greco-Roman and Indian styles.

A Hindu Rebirth Like Buddhism, Hinduism had become remote from the people. By the time of the Mauryan Empire, Hinduism had developed a complex set of sacrifices that could be performed only by the priests. People who weren’t priests had less and less direct connection with the religion.

Gradually, through exposure to other cultures and in response to the popularity of Buddhism, Hinduism changed. Although the religion continued to embrace hundreds of gods, a trend toward monotheism was growing. Many people began to believe that there was only one divine force in the universe. The various gods represented parts of that force. The three most important Hindu gods were Brahma (BRAH•muh), creator of the world; Vishnu (VIHSH•noo), preserver of the world; and Shiva (SHEE•vuh), destroyer of the world. Of the three, Vishnu and Shiva were by far the favorites. Many Indians began to devote themselves to these two gods. As Hinduism evolved into a more personal religion, its popular appeal grew.

Achievements of Indian Culture

Just as Hinduism and Buddhism underwent changes, so did Indian culture and learning. India entered a highly productive period in literature, art, science, and mathematics that continued until roughly A.D. 500.

Literature and the Performing Arts One of India’s greatest writers was Kalidasa (kahl•lee•DAH•suh). He may have been the court poet for Chandra Gupta II. Kalidasa’s most famous play is Shakuntala. It tells the story of a beautiful girl who falls in love with and marries a middle-aged king. After Shakuntala and her husband are separated, they suffer tragically because of a curse that prevents the king from recognizing his wife when they meet again. Generations of Indians have continued to admire Kalidasa’s plays because they are skillfully written and emotionally stirring.

Southern India also has a rich literary tradition. In the second century A.D., the city of Madurai in southern India became a site of writing academies. More than 2,000 Tamil poems from this period still exist. In the following excerpt from a third-century poem, a young man describes his sweetheart cooking him a meal:

**PRIMARY SOURCE**

There dwells my sweetheart, curving and lovely, languid of gaze, with big round earrings, and little rings on her tiny fingers. She has cut the leaves of the garden plantain and split them in pieces down the stalk to serve as platters for the meal. Her eyes are filled with the smoke of cooking. Her brow, as fair as the crescent moon, is covered now with drops of sweat. She wipes it away with the hem of her garment and stands in the kitchen, and thinks of me.

**ANONYMOUS TAMIL POET,** quoted in *The Wonder That Was India*

In addition to literature, drama was very popular. In southern India, traveling troupes of actors put on performances in cities across the region. Women as well as men took part in these shows, which combined drama and dance. Many of the classical dance forms in India today are based on techniques explained in a book written between the first century B.C. and the first century A.D.
Entertainment in India: Bollywood

Today, drama remains hugely popular in India. India has the largest movie industry in the world. About twice as many full-length feature films are released yearly in India as in the United States. India produces both popular and serious films. Indian popular films, such as Monsoon Wedding, are often love stories that blend music, dance, and drama. India’s serious films have received worldwide critical praise. In 1992, the Indian director Satyajit Ray received a lifetime-achievement Academy Award for making artistic films. His films brought Indian culture to a global audience.

Astronomy, Mathematics, and Medicine

The expansion of trade spurred the advance of science. Because sailors on trading ships used the stars to help them figure their position at sea, knowledge of astronomy increased. From Greek invaders, Indians adapted Western methods of keeping time. They began to use a calendar based on the cycles of the sun rather than the moon. They also adopted a seven-day week and divided each day into hours.

During the Gupta Empire (A.D. 320 to about 500), knowledge of astronomy increased further. Almost 1,000 years before Columbus, Indian astronomers proved that the earth was round by observing a lunar eclipse. During the eclipse, the earth’s shadow fell across the face of the moon. The astronomers noted that the earth’s shadow was curved, indicating that the earth itself was round.

Indian mathematics was among the most advanced in the world. Modern numerals, the zero, and the decimal system were invented in India. Around A.D. 500, an Indian named Aryabhata (AHR•yuh•BUHT•uh) calculated the value of pi (π) to four decimal places. He also calculated the length of the solar year as 365.3586805 days. This is very close to modern calculations made with an atomic clock. In medicine, two important medical guides were compiled. They described more than 1,000 diseases and more than 500 medicinal plants. Hindu physicians performed surgery—including plastic surgery—and possibly gave injections.

The Spread of Indian Trade

In addition to knowledge, India has always been rich in precious resources. Spices, diamonds, sapphires, gold, pearls, and beautiful woods—including ebony, teak, and fragrant sandalwood—have been valuable items of exchange. Trade between
India and regions as distant as Africa and Sumeria began more than 4,000 years ago. Trade expanded even after the Mauryan Empire ended around 185 B.C.

**Overland Trade, East and West** Groups who invaded India after Mauryan rule ended helped to expand India’s trade to new regions. For example, Central Asian nomads told Indians about a vast network of caravan routes known as Silk Roads. These routes were called the **Silk Roads** because traders used them to bring silk from China to western Asia and then on to Rome.

Once Indians learned of the Silk Roads, they realized that they could make great profits by acting as middlemen. Middlemen are go-betweens in business transactions. For example, Indian traders would buy Chinese goods and sell them to traders traveling to Rome. To aid their role as middlemen, Indians built trading stations along the Silk Roads. They were located at oases, which are fertile spots in desert areas.

**Sea Trade, East and West** Sea trade also increased. Traders used coastal routes around the rim of the Arabian Sea and up the Persian Gulf to bring goods from India to Rome. In addition, traders from southern India would sail to Southeast Asia to collect spices. They brought the spices back to India and sold them to merchants from Rome. Archaeologists have found hoards of Roman gold coins in southern India. Records show that some Romans were upset about the amount of gold their countrymen spent on Indian luxuries. They believed that to foster a healthy economy, a state must collect gold rather than spend it.
Rome was not India's only sea-trading partner. India imported African ivory and gold, and exported cotton cloth. Rice and wheat went to Arabia in exchange for dates and horses. After trade with Rome declined around the third century A.D., India's sea trade with China and the islands of southeast Asia increased. The Chinese, for example, imported Indian cotton cloth, monkeys, parrots, and elephants and sent India silk.

Effects of Indian Trade Increased trade led to the rise of banking in India. Commerce was quite profitable. Bankers were willing to lend money to merchants and charge them interest on the loans. Interest rates varied, depending on how risky business was. During Mauryan times, the annual interest rate on loans used for overseas trade was 240 percent! During the Gupta Empire, bankers no longer considered sea trade so dangerous, so they charged only 15 to 20 percent interest a year.

A number of Indian merchants went to live abroad and brought Indian culture with them. As a result, people throughout Asia picked up and adapted a variety of Indian traditions. For example, Indian culture affected styles in art, architecture, and dance throughout South and Southeast Asia. Indian influence was especially strong in Thailand, Cambodia, and on the Indonesian island of Java.

Traders also brought Indian religions to new regions. Hinduism spread northeast to Nepal and southeast to Sri Lanka and Borneo. Buddhism spread because of traveling Buddhist merchants and monks. In time, Buddhism even influenced China, as discussed in Section 3.

### 1. Analyzing Causes
**D** Why would dangerous conditions make bankers charge higher interest on loans for trade?

### 2. Assessing
**TERMS & NAMES** 1. For each term or name, write a sentence explaining its significance.
- Mahayana
- Theravada
- stupa
- Brahma
- Vishnu
- Shiva
- Kalidasa
- Silk Roads

**USING YOUR NOTES**
2. Which of the developments listed had the most lasting impact?

<table>
<thead>
<tr>
<th>Religion</th>
<th>Arts</th>
<th>Science/Math</th>
<th>Trade</th>
</tr>
</thead>
</table>

**MAIN IDEA**
3. How did Buddhism change after the Buddha's death?
4. What were India's main trade goods in the fifth century?
5. What were some of India's contributions to science during the Gupta period?

**CRITICAL THINKING & WRITING**
6. **RECOGNIZING EFFECTS** What do you think was the most significant effect of the changes in Buddhism and Hinduism during this period? Explain.

7. **MAKING INFERENCES** Why did Indian culture flourish during the Gupta Empire?

8. **FORMING AND SUPPORTING OPINIONS** Which do you think was more important to India's economy, overland trade or sea trade? Provide details to support your answer.

9. **WRITING ACTIVITY** **CULTURAL INTERACTION** Cite three of the cultures that interacted with India. Explain in a brief expository essay the result of each cultural interaction.

**INTERNET KEYWORD**
India trade
Hindu and Buddhist Art

The main difference between Buddhist art and Hindu art in India was its subject matter. Buddhist art often portrayed the Buddha or bodhisattvas, who were potential Buddhas. Hindu gods, such as Vishnu and Ganesha, were common subjects in Hindu art.

Beyond the differences in subject, Hindu and Buddhist beliefs had little influence on Indian artistic styles. For example, a Hindu sculpture and a Buddhist sculpture created at the same place and time were stylistically the same. In fact, the same artisans often created both Hindu and Buddhist art.

RESEARCH WEB LINKS Go online for more on Hindu and Buddhist art.

The Great Stupa
Built during the third to first centuries B.C., the Great Stupa is a famous Buddhist monument in Sanchi, India. This stone structure is 120 feet across and 54 feet high; it has a staircase leading to a walkway that encircles the stupa. Stupas serve as memorials and often contain sacred relics. During Buddhist New Year festivals, worshipers hold images of the Buddha and move in processions around the circular walkway.

Buddha
This bronze Buddha was made in India during the sixth century. Each detail of a Buddhist sculpture has meaning. For example, the headpiece and long earlobes shown here are lakshana, traditional bodily signs of the Buddha. The upraised hand is a gesture that means “Have no fear.”
1. **Contrasting** How do the Buddhist stupa and the Hindu temple differ? According to the information on page 198, what might be the reason for those differences?


2. **Making Inferences** Why do you think Ganesha is a popular god among Hindus today? Explain.

**Ganesha**
Carved in the fifth century B.C., this stone sculpture represents the elephant-headed god Ganesha. According to Hindu beliefs, Ganesha is the god of success, education, wisdom, and wealth. He also is worshiped as the lifter of obstacles. The smaller picture is a recent image of Ganesha, who has gained great popularity during modern times.

**Devi Jagadambi Temple in Khajuraho**
Hardly any Hindu temples from the Gupta period remain. This temple, built in the 11th century, shows architectural trends begun in Gupta times. These include building with stone rather than wood; erecting a high, pyramidal roof instead of a flat roof; and sculpting elaborate decorations on the walls.