

READING NOTES CHAPTER 18 – CHINESE DISCOVERIES & INVENTIONS

DIRECTIONS: Read Chapter 18 to find out about Chinese inventions and discoveries in the areas of exploration and travel (18.2), industry (18.3), military technology (18.4), everyday objects, (18.5) and disease prevention (18.6). As you read each section, walk around the classroom to find placards (picture signs) of the objects from that section. Complete the processing grids and questions on the next few pages. You may then paste them in your ISN on both left and right sides in the Chapter 18 section.

SECTION 18.2 EXPLORATION & TRAVEL: Several Chinese inventions made exploration and travel safer and faster. Some innovations benefited traders and other voyagers who ventured out to sea. Others improved travel on rivers, lakes, canals, and bridges inside China.

INVENTION OR DISCOVERY	FACTS ABOUT THE INVENTION OR DISCOVERY
compass	
paddlewheel boat	
canal lock	
segmented arch bridge	

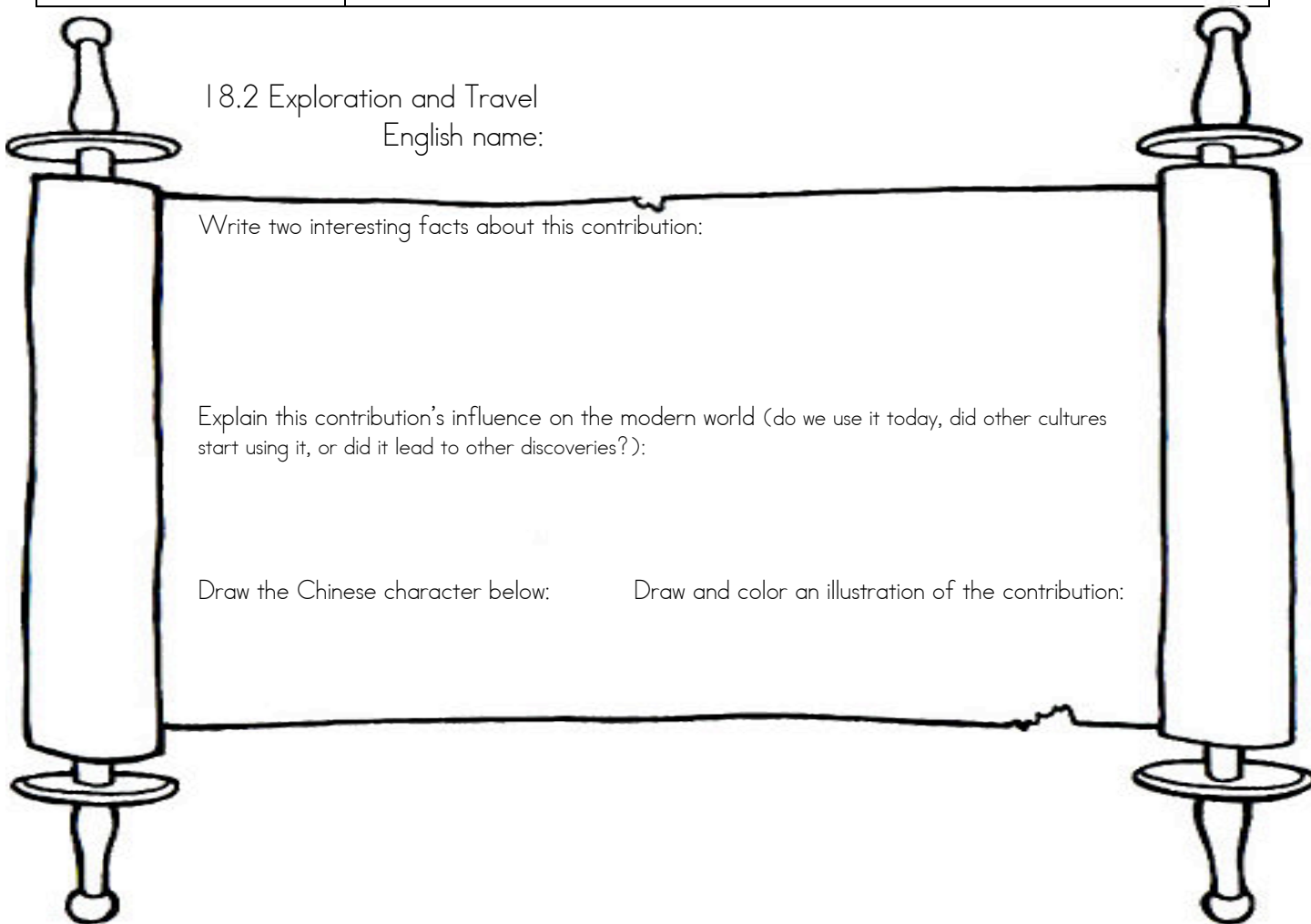
18.2 Exploration and Travel
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:



18.2 Exploration & Travel
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:

SECTION 18.3 INDUSTRY: Some of the advances made by the Chinese led to new industries—production or manufacturing areas. In this section, you'll learn about China's paper, printing, porcelain, and steel industries.

INVENTION OR DISCOVERY	FACTS ABOUT THE INVENTION OR DISCOVERY
paper	
printing	
movable type	
porcelain	
steel	

18.3 Industry
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:

18.3 Industry
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:

SECTION 18.4 MILITARY TECHNOLOGY: During the Song and Mongol (Yuan) periods, the Chinese developed powerful weapons. The invention of gunpowder by Daoist chemists made these weapons possible.

INVENTION OR DISCOVERY	FACTS ABOUT THE INVENTION OR DISCOVERY
gunpowder	
flamethrower, shells and grenades	
rockets and fireworks	

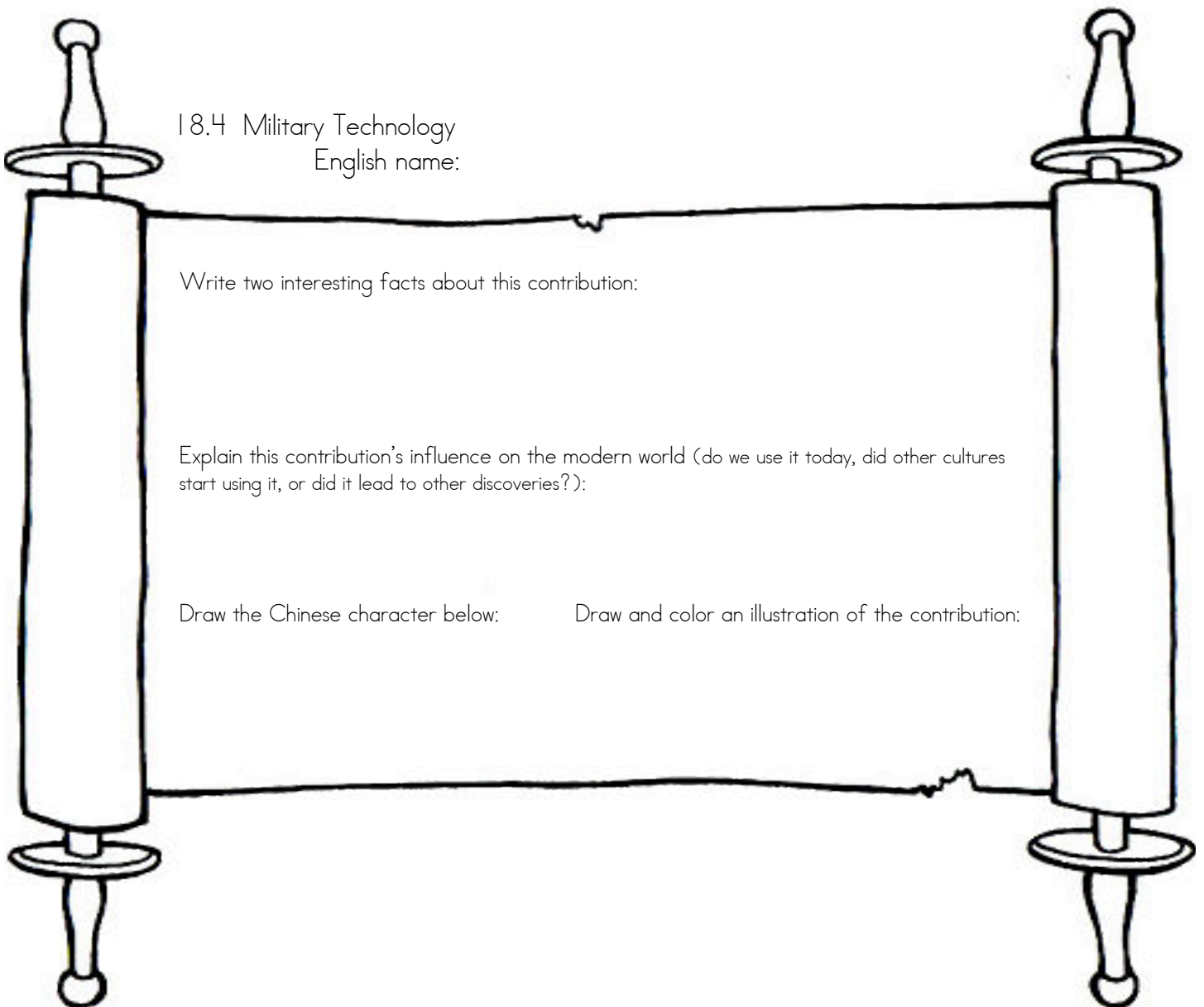
18.4 Military Technology
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:



SECTION 18.5 EVERYDAY OBJECTS: During the Tang Dynasty, the Chinese invented a number of everyday objects we take for granted today, including playing cards, paper money, and mechanical clocks.

INVENTION OR DISCOVERY	FACTS ABOUT THE INVENTION OR DISCOVERY
Playing cards	
Paper money	
Mechanical clocks	

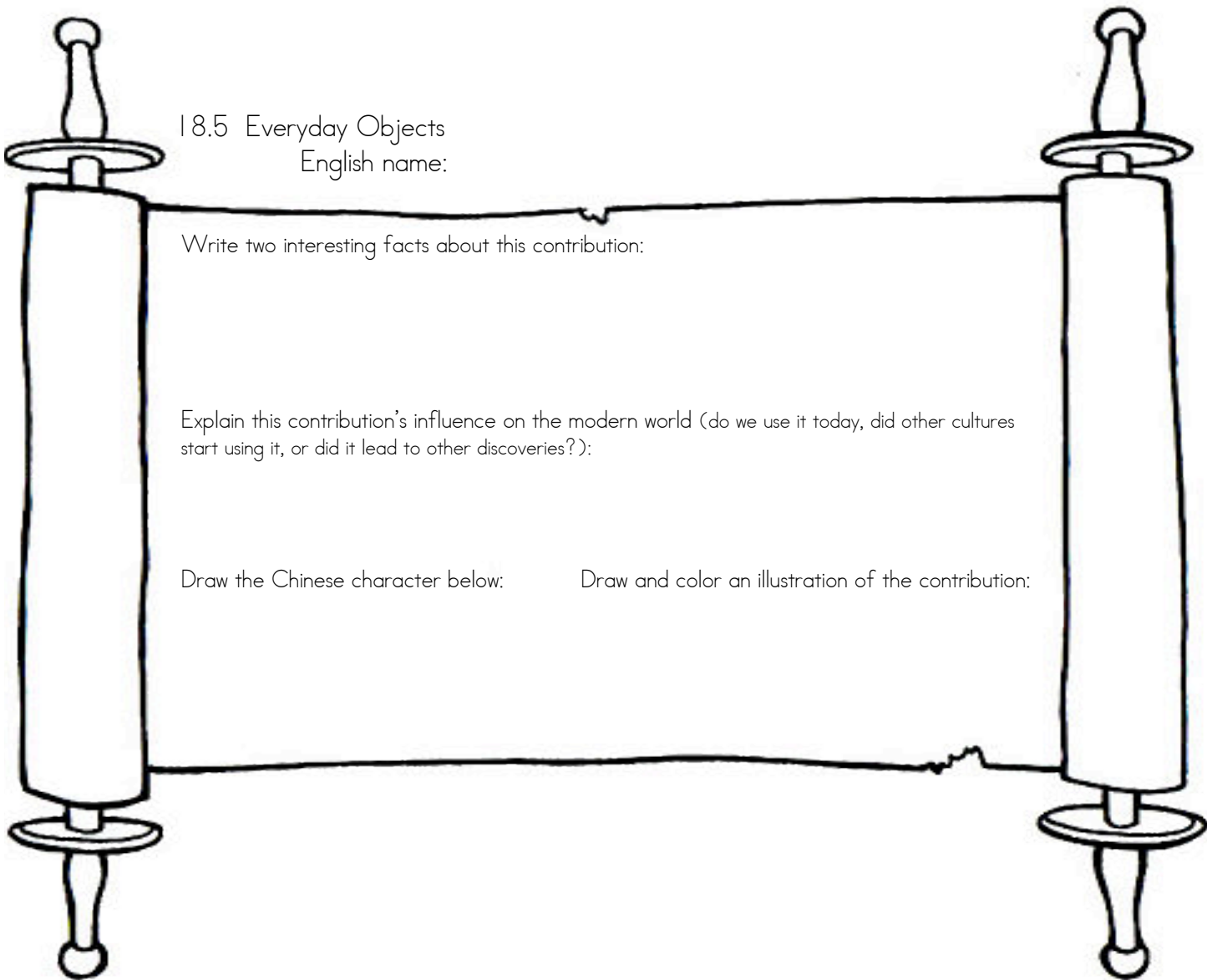
18.5 Everyday Objects
English name:

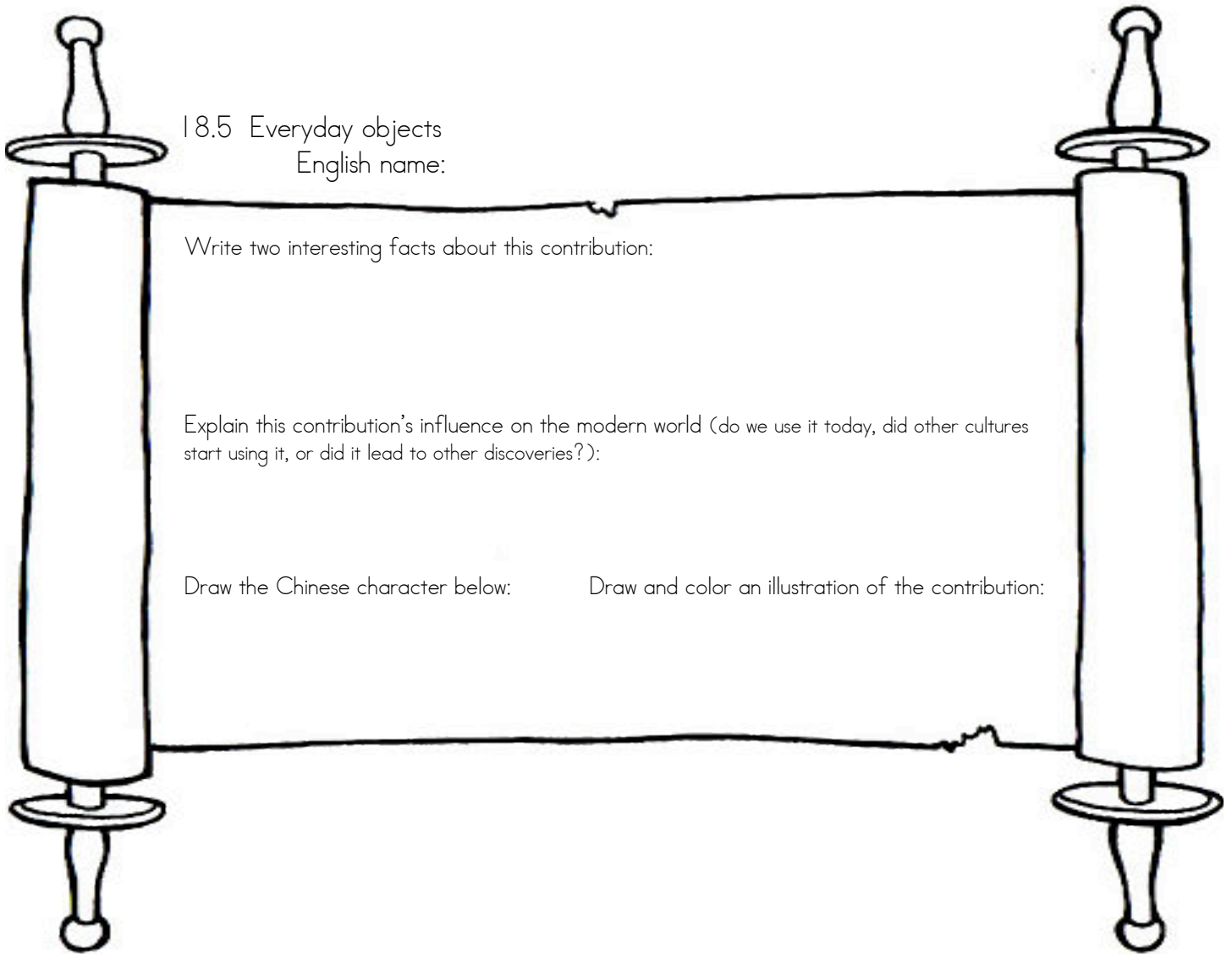
Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:





18.5 Everyday objects
English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:

SECTION 18.6 DISEASE PREVENTION: Chinese knowledge of medicine and disease prevention dates back to ancient times. Before the first century CE, the Chinese developed a way of fighting infectious diseases (diseases that spread easily from person to person).

INVENTION OR DISCOVERY	FACTS ABOUT THE INVENTION OR DISCOVERY
Use of disinfectants	
Steaming	
Inoculation	

18.6 Disease Prevention

English name:

Write two interesting facts about this contribution:

Explain this contribution's influence on the modern world (do we use it today, did other cultures start using it, or did it lead to other discoveries?):

Draw the Chinese character below:

Draw and color an illustration of the contribution:

List your top 5 MOST IMPORTANT Chinese inventions & discoveries – things that are still important to us today:

#5:

#4:

#3:

#2:

and most important #1: