Name:	Group:	Date:

## ATTACK AND COUNTERATTACK

STUDENT BOOK: Chapter 6, pp. 187-190

CONCEPTS: LYMPHATIC SYSTEM (LYMPH, ANTIBODIES)

**METHOD:** MODELLING

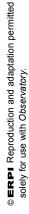
Several components of the immune system must work together to protect the human organism from foreign bodies. What is one practical way to represent the body's defence mechanisms against attacking invaders? By modelling those defence mechanisms based on a drawing.

## IDENTIFYING THE PROCESS TO MODEL

Modelling the phenomenon studied in this activity requires a sound understanding of what happens in the body's defence system.

Read pp. 187–190 in your student book for help in answering the following questions.

1.	What invaders may attack the human body?		
2.	What cells have the role of defending the organism against invaders?		
3.	Name three body fluids containing white blood cells.  •		
	•		
4.	In what areas of the organism are these cells highly concentrated?		



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**9.** Imagine a drawing that could represent the body's defence mechanisms—the defence of a

Describe the drawing you will model, then complete the table below by identifying the invaders

fortified castle or a spaceship attack by extraterrestrials, for example.

PLANNING A MODEL

Name:	Group:	Date:				
DESIGNING THE MODEL						
<b>10.</b> Make your drawing.						

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Nam	e:	Group:	Date:			
VAL	LIDATING THE MODEL					
11.	11. Does your drawing improve your understanding of the body's defence mechanisms? How?					
40						
12.	How could you improve your model?					
13.	Besides a drawing, how else could you mod	lel the body's defence me	chanisms?			
13.	Besides a drawing, how else could you mod	lel the body's defence me	chanisms?			