

## Character Cards

Make 5 copies.

|  |                                       |
|--|---------------------------------------|
| <p>Helper T Cells (Unactivated)</p> <p>What you need:</p> <ul style="list-style-type: none"><li>• Pipe cleaners</li><li>• Paperclips</li><li>• License to activate</li></ul> | <p>Helper T Cells<br/>(Activated)</p> |
|--|---------------------------------------|

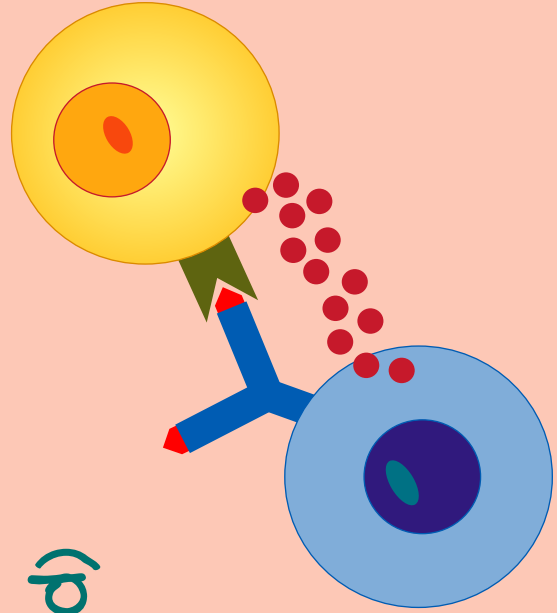


LESSON 1  
ACTIVITY 1B

CAST YOUR NET: ADVENTURES WITH BLOOD

## Character Cards

Make 3 copies.

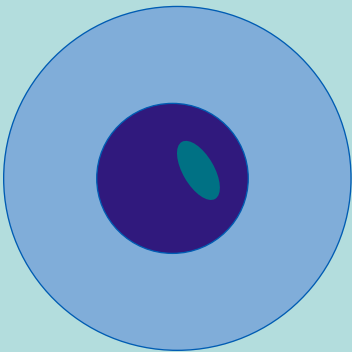


B Cells (Activated)

B Cells (Unactivated)

What you need:

- IgM antibody
- Pipe cleaners
- Paperclips



LESSON 1  
ACTIVITY 1B

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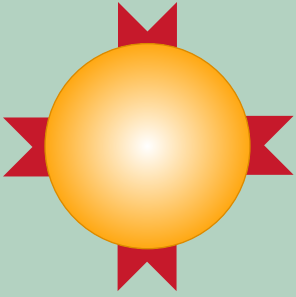
# Character Cards

Make 3 copies.

## Killer T Cells (Unactivated)

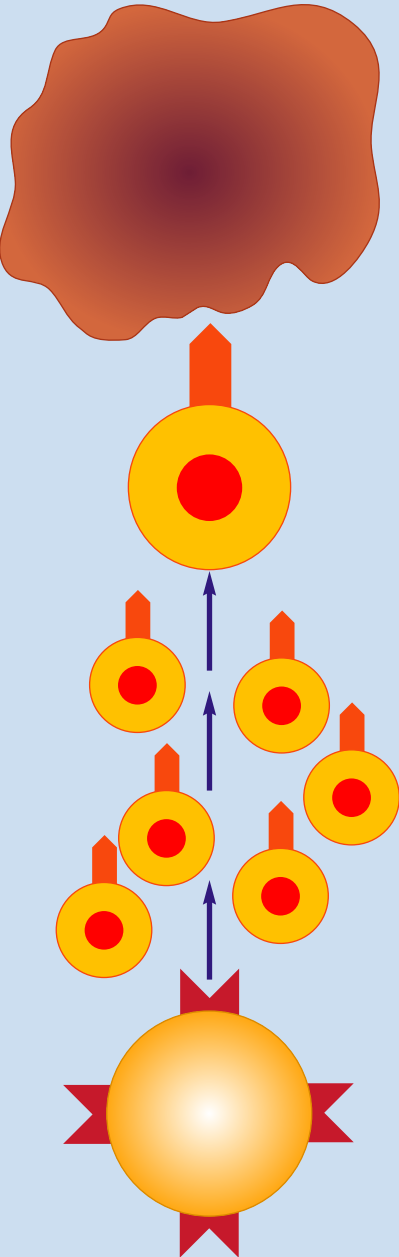
What you need:

- Packet of granzymes



A single orange circular cell with a red ribbon-like structure at the bottom.

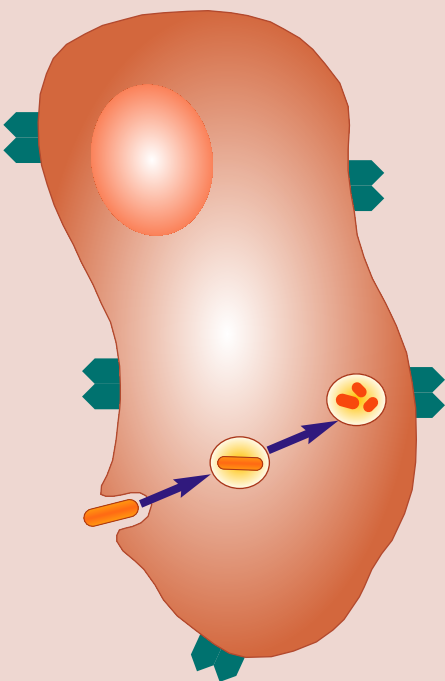
## Killer T Cells (Activated)



A diagram showing the activation of Killer T cells. On the left is a large orange unactivated cell. In the center, several smaller orange cells are shown, with blue double-headed arrows indicating interaction. On the right is a large brown target cell. Red arrows point from the smaller cells towards the target cell, representing the release of granzymes.

Make 7 copies.

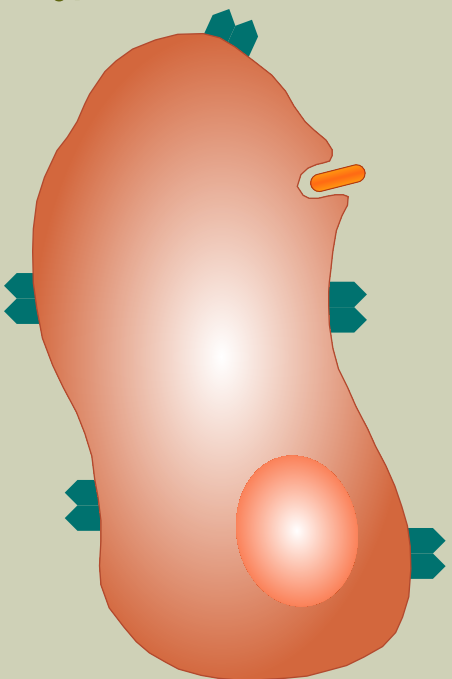
## Macrophages (Activated)



## Macrophages (Unactivated)

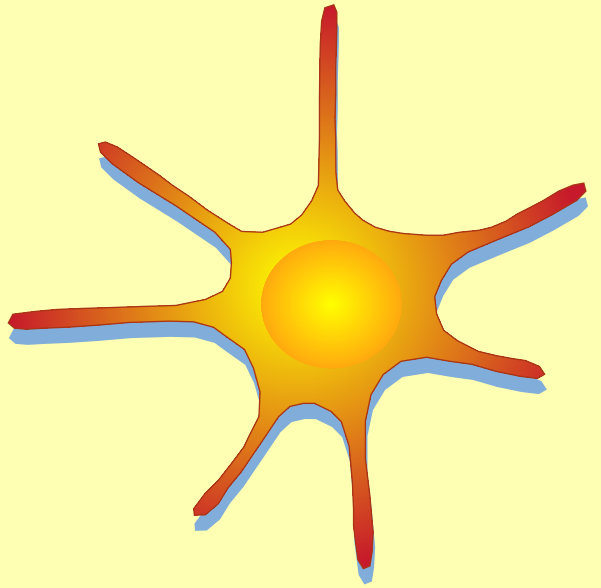
What you need:

- Sticky hands
- Paperclips
- Pipe cleaners
- Antigen template cards
- Old key



## Character Cards

Make 3 copies.

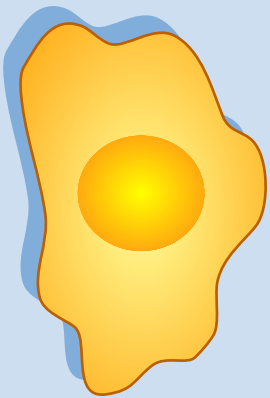


Dendritic Cell  
(Activated)

## Dendritic Cell (Unactivated)

What you need:

- Paperclips
- Pipe cleaners
- Antigen template cards



LESSON 1  
ACTIVITY 1B

Character Cards (Single-sided) Make 1 copy.

# Timekeeper

What You Need:  
Stopwatch



# Scorekeeper

What You Need:  
Transparency of score card  
1 erasable overhead pen



# Invader

What You Need:  
Dice  
Paperclips  
Pipe cleaners



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**Character Cards** (Single-sided) Make 2 copies.

# Invader

## What You Need:

Dice

Paperclips

Pipe cleaners



# Invader

## What You Need:

Dice

Paperclips

Pipe cleaners



# Invader

## What You Need:

Dice

Paperclips

Pipe cleaners



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