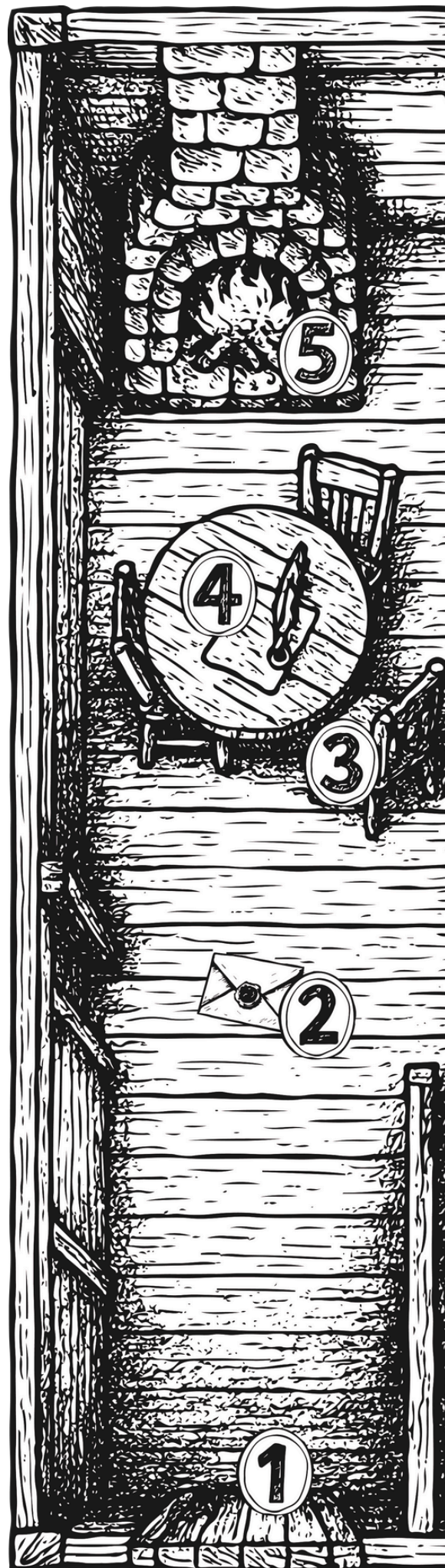


Dr. Robin Dickinson

Level 1 | Guidebook

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MedPath  
**ESSENTIALS OF  
HUMAN HEALTH**



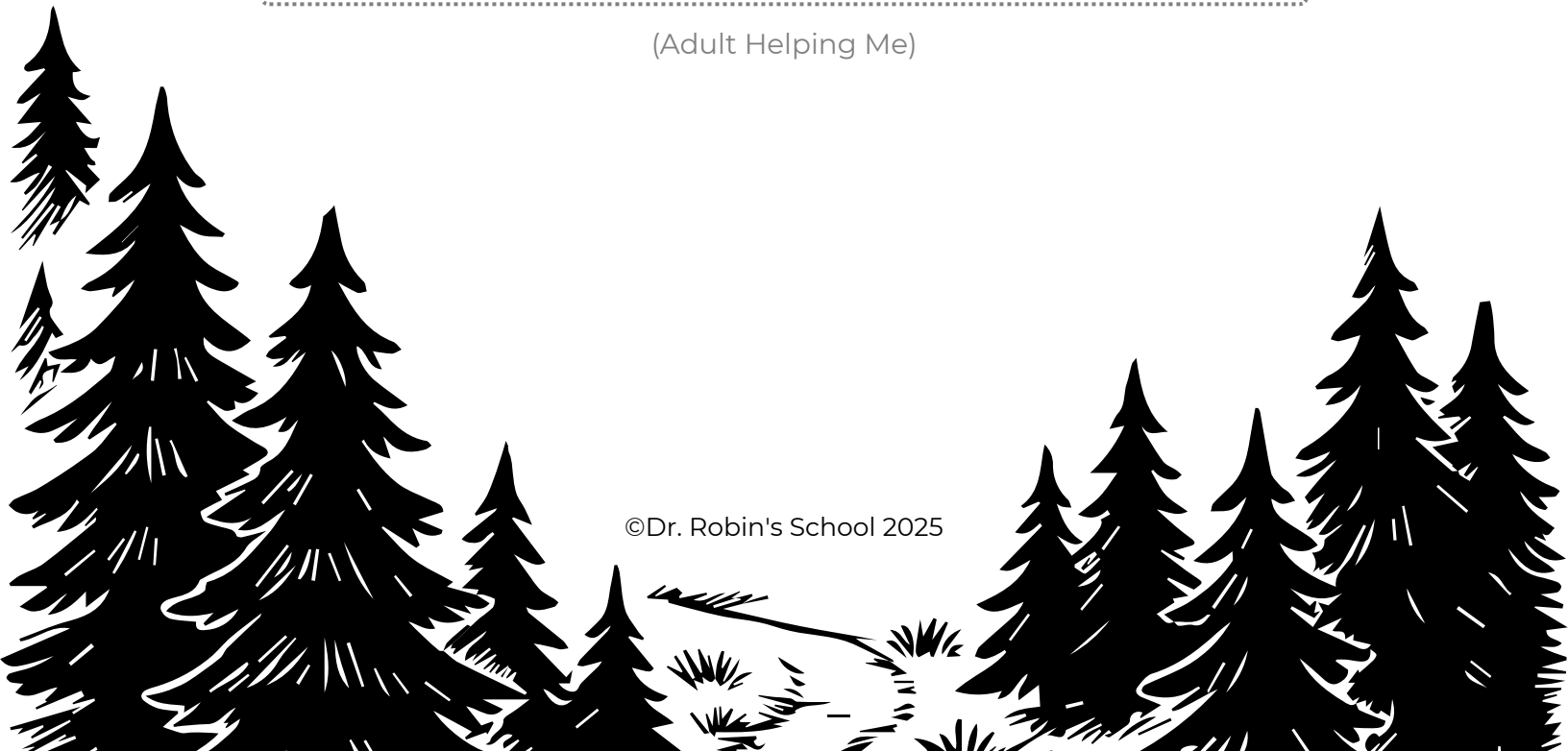


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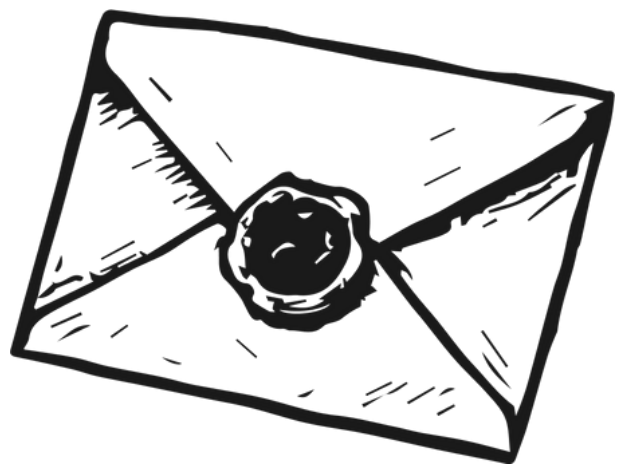
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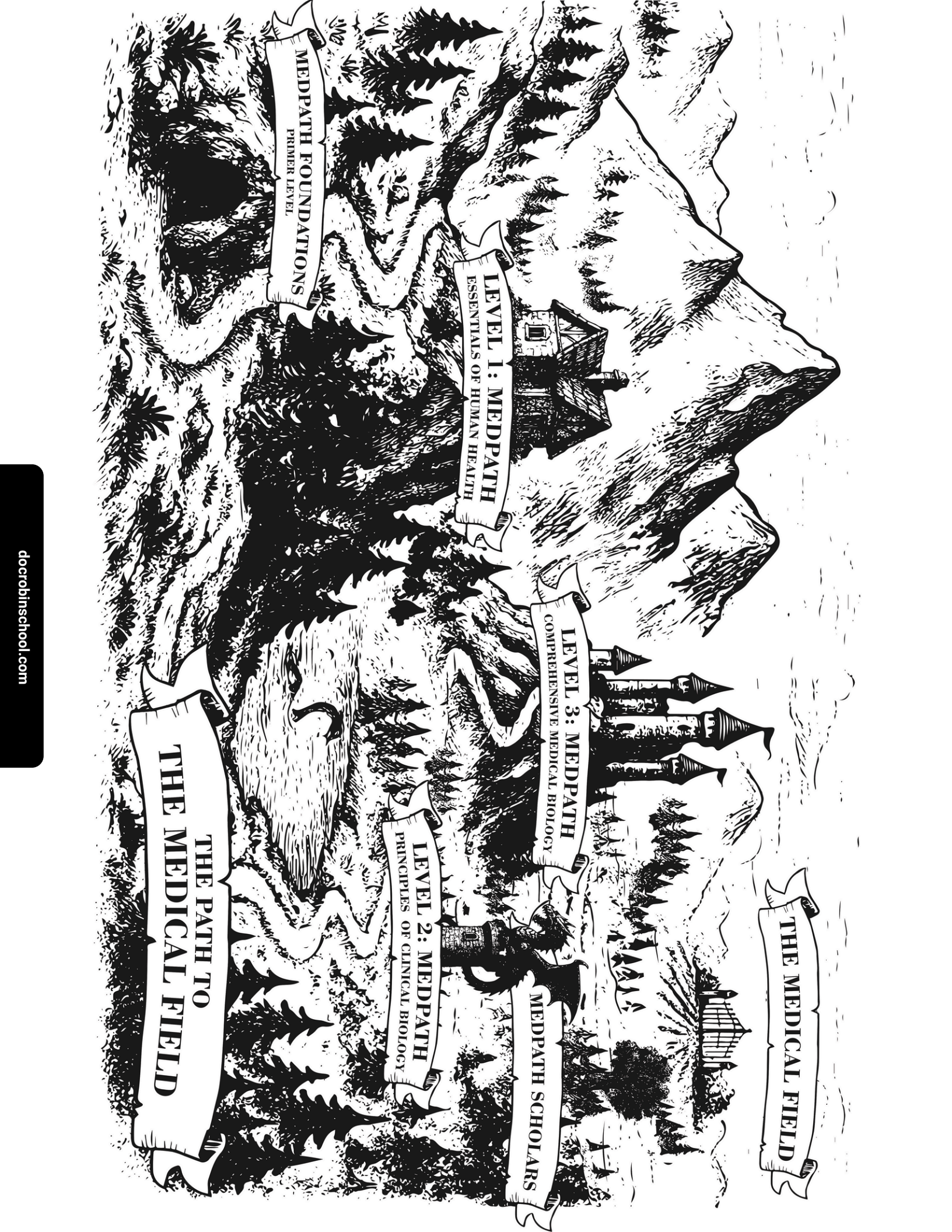
(Adult Helping Me)



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THE MEDICAL FIELD

MEDPATH SCHOLARS

LEVEL 3: MEDPATH  
COMPREHENSIVE MEDICAL BIOLOGY

LEVEL 1: MEDPATH  
ESSENTIALS OF HUMAN HEALTH

MEDPATH FOUNDATIONS  
PRIMER LEVEL

LEVEL 2: MEDPATH  
PRINCIPLES OF CLINICAL BIOLOGY

THE PATH TO  
THE MEDICAL FIELD

# The Map of MedPath

From Foundations through Level 3

## LEVEL 3: MEDPATH COMPREHENSIVE MEDICAL BIOLOGY

Real-world clinical reasoning, medical relevance, and one-on-one feedback to support deeper exploration.

## LEVEL 2: MEDPATH PRINCIPLES OF CLINICAL BIOLOGY

A bridge between learning facts and *thinking clinically*, this level introduces case-based learning and builds systems thinking.

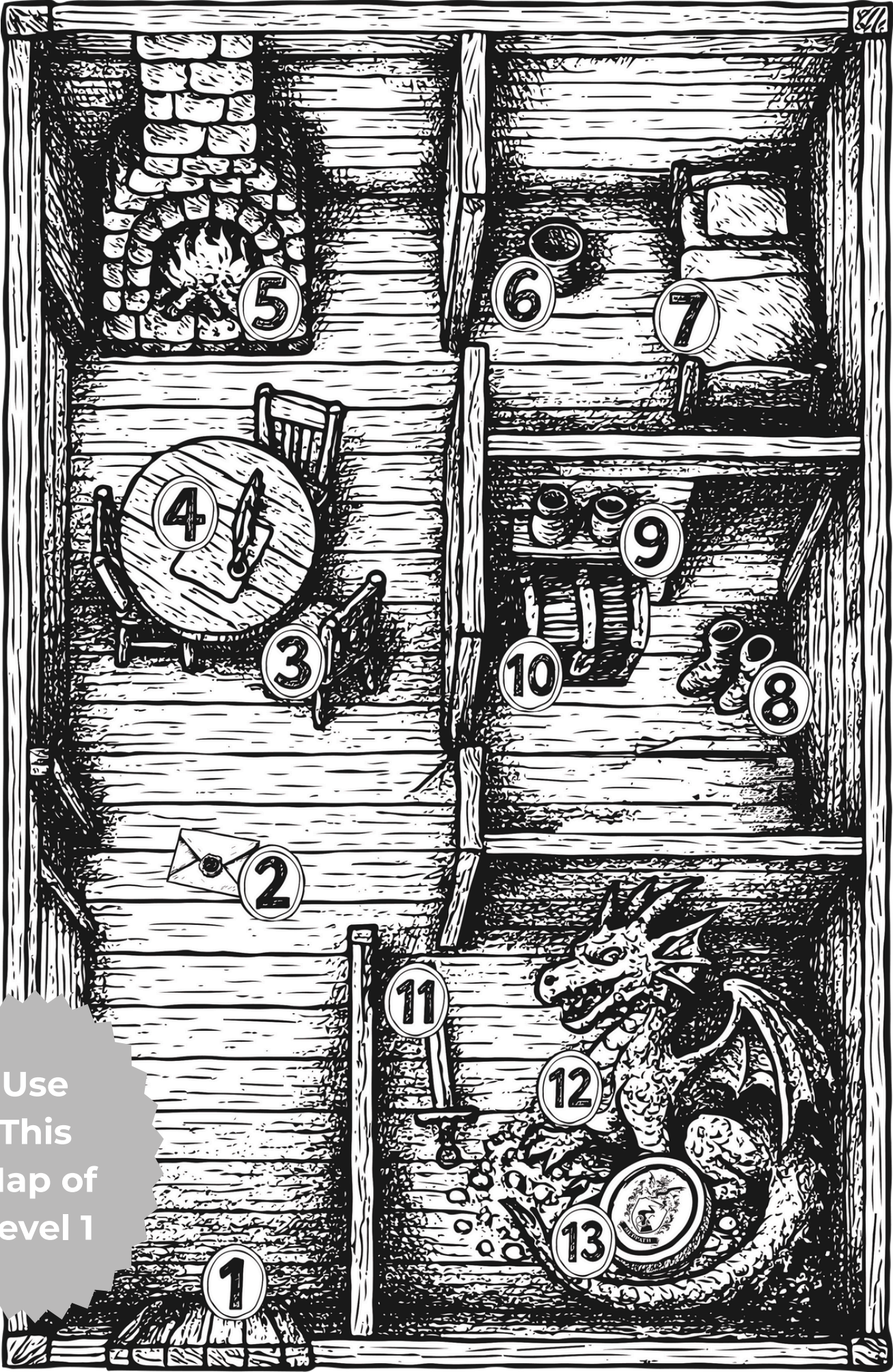
## LEVEL 1: MEDPATH ESSENTIALS OF HUMAN HEALTH

A guided tour through the body's systems, with an emphasis on vocabulary, visuals, and making sense of how it all works.

## MEDPATH FOUNDATIONS PRIMER LEVEL

Short, hands-on lessons using the Anatomy Coloring Book—perfect for new or younger learners.





Use  
This  
Map of  
Level 1



# Welcome!

**Dear Young Healer,**

Welcome to Level 1 of MedPath, Essentials of Human Health.

You're taking an important step on your journey to understand how the body works and how to care for it. That's important work—and I'm proud of you for being here.

The **map** on page 6 shows your journey. The **guidebook** helps you know what to do next. After you complete a lesson, check it off in your guidebook. When you finish all the lessons in a system, move to the next stop on your map.

At the end of the level, you can take an evaluation to show what you've learned. Most students go through the level **two or three times** before they're ready to test out—and that's a good thing! If you want to move ahead after just one time, make sure you've done **all the challenge questions**, reviewed your notes, and asked for help when needed.

Your parent is here to guide you. And if they need anything, we're here to help them too.

I'm cheering for you—every step of the way!

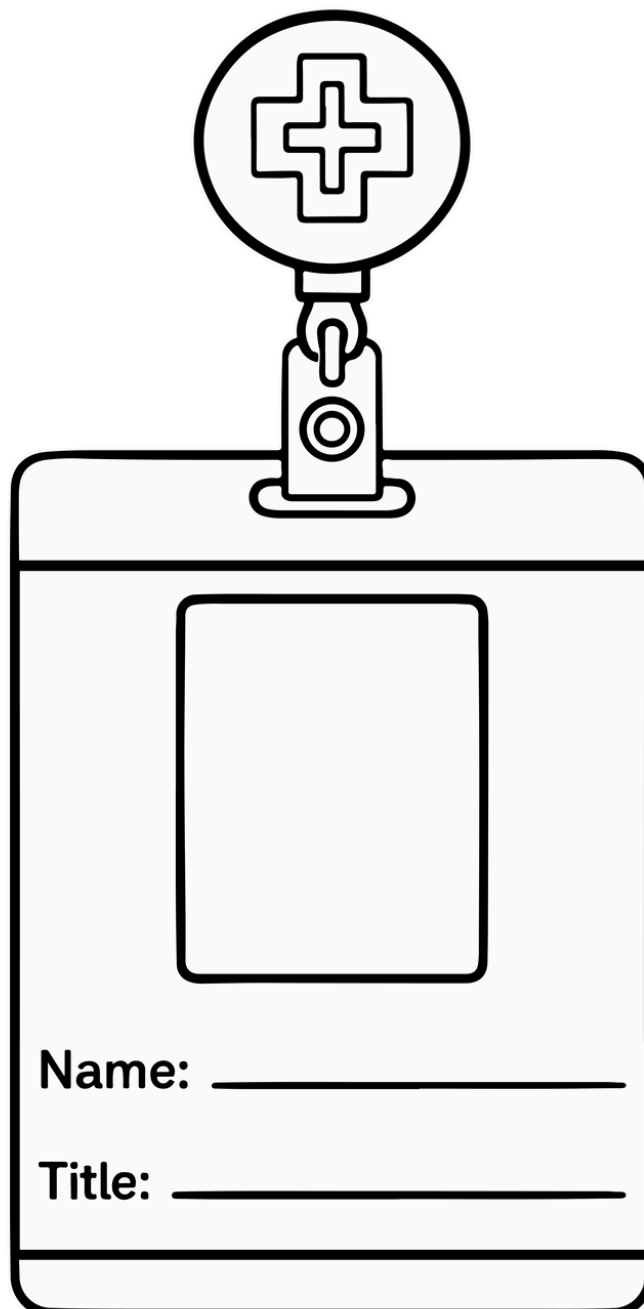
*Dr. Robert*

# What is your goal?

What do you want to be when you grow up?

Do you want to help people or other living things?

Draw a picture of what you will look like when you grow up.



Name: \_\_\_\_\_

Title: \_\_\_\_\_



*Remember to mark off each lesson as you complete it!*

## **1. Welcome**

Welcome to Dr. Robin's School

- Welcome from Dr. Robin
- MedPath Anatomy and Physiology
- MedPath Lab: The Human Body in Action
- MedPath Insights: Dr. Robin's Commentary
- MedPath Careers: Different Degree Paths
- MedPath Cases
- MedPath Video Library
- Book Clubs
- Begin Your Journey

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## **2. Respiratory System**

Anatomy: Respiratory System

- Lungs in Situ
- Bronchi and Alveoli
- How We Make Speech

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Physiology: Respiratory System

- Lesson: Fundamentals of the Lungs
- Lesson: DIY Lungs Model
- Lesson: Asthma

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Clinical Application: Respiratory System

- MedPath Insights: Saving Lives with ECMO: The Lung Rescue Program at Penn Medicine
- MedPath Careers: Pulmonology

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**3. Cardiovascular System**

Anatomy: Cardiovascular System

- Heart Exterior
- Cardiac Cycle
- Heart Interior
- Circulatory System

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Physiology: Cardiovascular System

- Lesson: DIY Heart Pump Modeling
- Lesson: Blood and Blood Components
- Lesson: Stethoscopes

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Clinical Application: Cardiovascular System

- MedPath Insights: Day in the Life of a Cardiologist
- MedPath Careers: Cardiology
- MedPath Careers: Cardiovascular Surgeon

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**4. Urinary System**

Anatomy: Urinary System

- Kidneys and Bladder
- Kidney and Nephron

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Clinical Application: Urinary System

- MedPath Insights: Mayo Clinic Urology Residency Program
- MedPath Careers: Nephrology
- MedPath Careers: Urology

## 5. Gastrointestinal System

Anatomy: Gastrointestinal System

- Inside the Mouth
- Digestive System
- Small Intestine
- Biliary Tree

Physiology: Gastrointestinal System

- Lesson: Fundamentals of the Gastrointestinal System
- Lesson: Teeth
- Lesson: Dental Chart Mini Activity
- Lesson: The Stomach and What Goes Wrong
- Lesson: Modeling the GI System

Clinical Application: Gastrointestinal System

- MedPath Insights: Endoscopy
- MedPath Careers: Gastroenterology
- MedPath Careers: General Surgery
- MedPath Careers: Surgical Assistant
- MedPath Careers: Dentist

## 6. Immune System

Anatomy: Lymphatic

- Lymphatic System

Physiology: Immune System

- Lesson: Bugs and Drugs
- Lesson: Vaccines

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Clinical Application: Lymphatic/Immune

- MedPath Insights: Meet and Immunologist
- MedPath Careers: Immunology
- MedPath Careers: Infectious Disease
- MedPath Careers: Rheumatology

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## 7. Endocrine System

Physiology: Endocrine System

- Lesson: Candy and Blood Sugar
- Lesson: How We Grow

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Clinical Application: Endocrine System

- MedPath Insights: Growth Hormone Deficiency
- MedPath Careers: Endocrinology

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## 8. Integumentary

Anatomy: Integumentary

- Skin

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Physiology: Integumentary System

- Lesson: Cuts and Bruises

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Clinical Application: Integumentary System

- MedPath Insights: Full Body Skin Exam
- MedPath Careers: Pathology
- MedPath Careers: Dermatology

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## 9. Musculoskeletal System

### Anatomy: Musculoskeletal System

- Bones and Joints
- Comparative Anatomy of the Limbs: Bones
- Comparative Anatomy of the Limbs: Muscles
- Axial Skeleton

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### Physiology: Musculoskeletal System

- Lesson: Fundamentals of Bones
- Lesson: The Skull

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### Clinical Correlation: Musculoskeletal System

- MedPath Insights: Getting a Cast
- MedPath Insights: Having Your Cast Removed
- MedPath Careers: Physical Therapy
- MedPath Careers: Physiatry
- MedPath Careers: Orthopedic Surgery

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## 10. Nervous System

### Anatomy: Nervous System

- Autonomic Nervous System
- Spine and Spinal Cord
- Dermatomes
- Nerve Cells
- Brain
- Homunculus
- Eye
- Ear
- Where Senses Go in the Brain

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Physiology: Nervous System

- Lesson: The Brain
- Lesson: Amygdala

Physiology: Neurology of the Eight Senses

- Lesson: Fundamentals of the 8 Senses
- Lesson: The Tongue and Nose
- Lesson: Interoception
- Lesson: The Ear and Hearing

Clinical Application: Nervous System

- MedPath Insights: A Stroke Patient Journey
- MedPath Careers: Neurology
- MedPath Careers: Anesthesiology
- MedPath Careers: Ophthalmology

**11. Nutrition**

Nutrition

- Lesson: Water
- Lesson: Protein
- Lesson: Carbohydrates

Clinical Application: Nutrition

- MedPath Insights: A Day in the Life of a Clinical Dietician
- MedPath Careers: Registered Dietician

**12. Wrapping Up**

Wrapping Up

- Lesson: Safety
- Anatomy: Systems of the Human Body
- Anatomy: The Human Cell

Clinical Application: Wrapping Up

- MedPath Insights: Lab Tour
- MedPath Careers: Registered Nurse
- MedPath Careers: Otolaryngology

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**13. The Last Step**

- Lesson: You Did it!
- Ask an Adult to Schedule Your Exam:
  - If this is NOT your final time through the course, schedule your Level 1 Exam with the office.
  - If this is your final time through the course, schedule your Level 1 Final Evaluation to earn your MedPath Token.

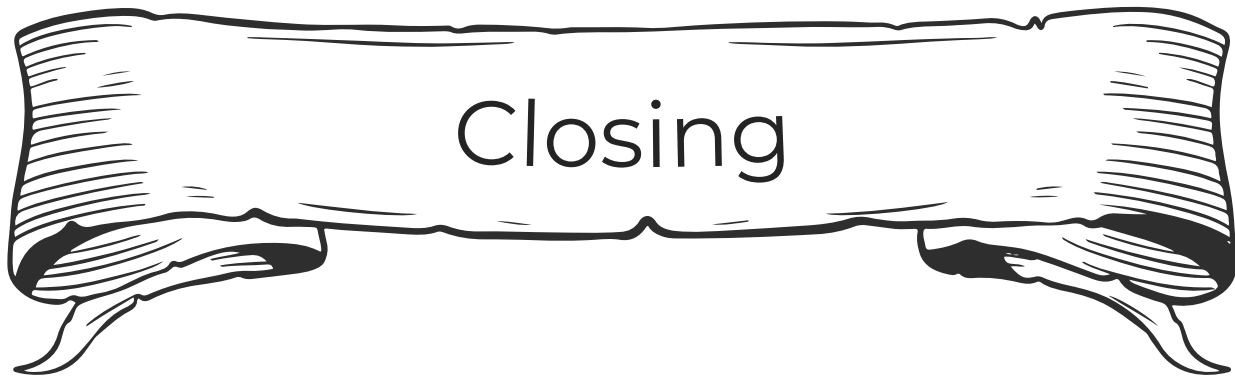
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hello@docrobinschool.com  
720-257-9030

- Take your exam or your final evaluation with a medical professional from MedPath
- Determine if you should repeat this course or move on to MedPath Level 2
- Begin your next journey (either begin your next trip through this level or sign up for the next level)
- You have now concluded this section AND this level of the journey- Mark off your Map!

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-Congratulations on a job well done!-



Having completed this course, you are ready to test your knowledge and continue on your MedPath.

If this is not your final trip through this level and you have NOT completed every assignment, then schedule your Level 1 exam. You can begin your next trip through this level and prepare for The Level 1 Final Evaluation.

If this is your final trip through this level and you have completed all the assignments, you are now ready to take **The Level 1 Evaluation**.

When you pass The Level 1 Evaluation, you will receive:  
**Your MedPath Level 1 Token**



Contact us at [hello@docrobinschool.com](mailto:hello@docrobinschool.com) and let us know if you are ready to take the first or final test for this level.



If you have tested out of this level, you are ready to move on to  
Level 2!

**MedPath | Level 2**  
**Principles of Clinical Biology**

A Bridge between learning facts and thinking critically, this level  
introduces case-based learning and builds systems thinking.

A black and white illustration of a dragon perched on a stone tower in a forest. The dragon is facing left, with its wings spread. The tower is a small, square stone structure. The background is a dense forest of evergreen trees. In the foreground, a banner is draped across the scene, containing the text "LEVEL 2: MEDPATH PRINCIPLES OF CLINICAL BIOLOGY".

**LEVEL 2: MEDPATH**  
**PRINCIPLES OF CLINICAL BIOLOGY**





Guidance for Parents.  
Futures for Kids.

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