

Book #2 Bones of the Foot, Leg, and Pelvis

The fun continues with Book 2's circus theme! Readers join Dr. Bonyfide and Ringmaster Starr for an amaaaazing big top introduction to the bones of the foot, leg, and pelvis. Enjoy the antics of a colorful cast of acrobats, trapeze artists, and clowns in this second book of the Know Yourself Academy series. Engaging activities, hidden messages, and Know Yourself's beautiful visuals will help young people on the adventure to get to know how their body works.



Contents

- * Preface
- xi Welcome!
- 1 Boneology
- 5 Lower Extremities
- 10 Phalanges: Toes
- 32 Metatarsals: Arch
- 42 Tarsals: Foot and Ankle
- 75 Femur, Patella, Fibula, Tibia:

Leg Bones

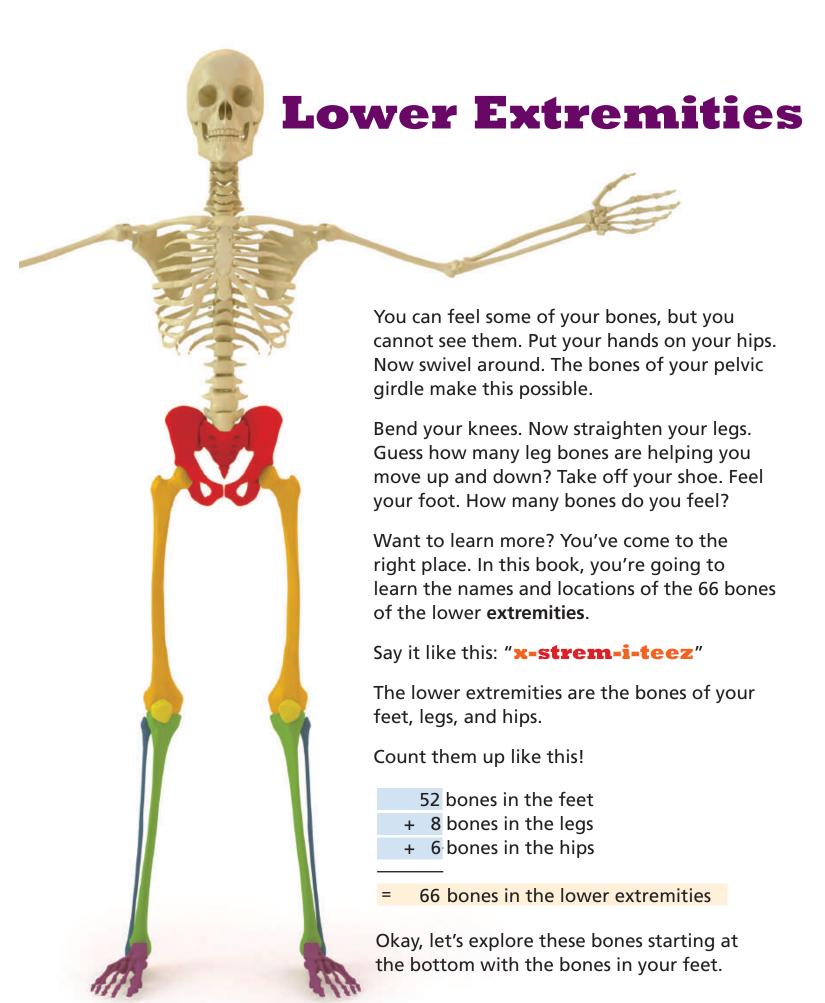
- 103 Bone-Us Knowledge
- 114 Glossary

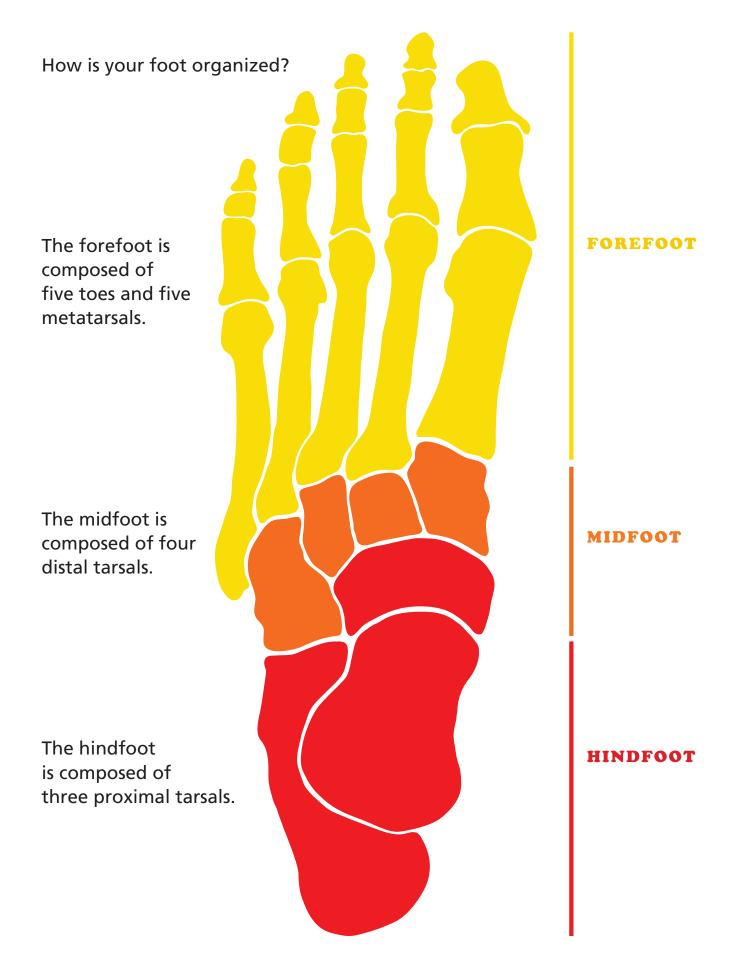
Preface

Know Yourself is a Public Benefit Corporation dedicated to making self-literacy as fundamental to early education as the ABCs and 123s. We believe people should know as much about how they are put together as they know about downloading apps to their phone.

The body is not only how humans physically move through life, but is used as a means of self-expression. Body language is an inherent part of communication. It is an inseparable element which research shows constitutes a majority of what human beings communicate. Psychology is linked to physiology. Body movements affect not only how others perceive you, but more importantly, how you feel about yourself. It follows that understanding the elementary engineering of how your body is put together will fortify your potential in life.

The Know Yourself Team chose to begin this journey with our skeleton structure, the 206 bones of the adult human body. Our books are the foundation of our product line, which includes educational clothing, animation, graphic novels, music, and more.



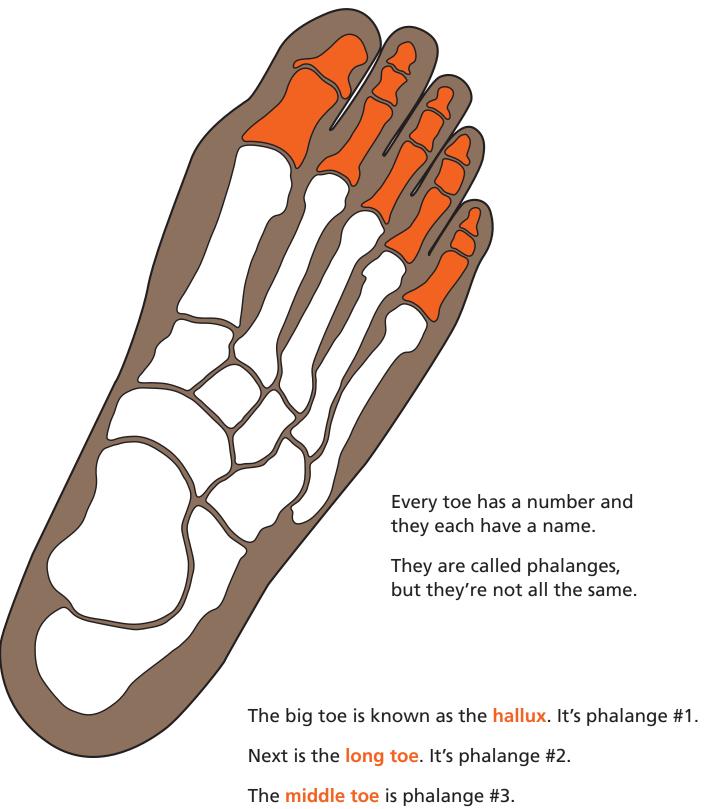


The Phenomenal Feat of Your Feet

Heel, arch, ball, and toes. Those are what you have down low. They perform a phenomenal feat. They keep you upright, straight, and neat. An awesome group that helps you go. Let's all give thanks for our feet below.

Phalanges





Right next to that is your ring toe, phalange #4.

And your pinky toe is phalange #5.

There are 14 bones that make up your phalanges.

Phalanges

Write the answers on the lines below.

Phalange #1 is called the ______ .

The long toe is phalange number ______ .

Phalange #3 is called the ______ .

The ring toe is phalange number ______ .

Phalange #5 is called the ______ .

How many phalange bones are in one foot?

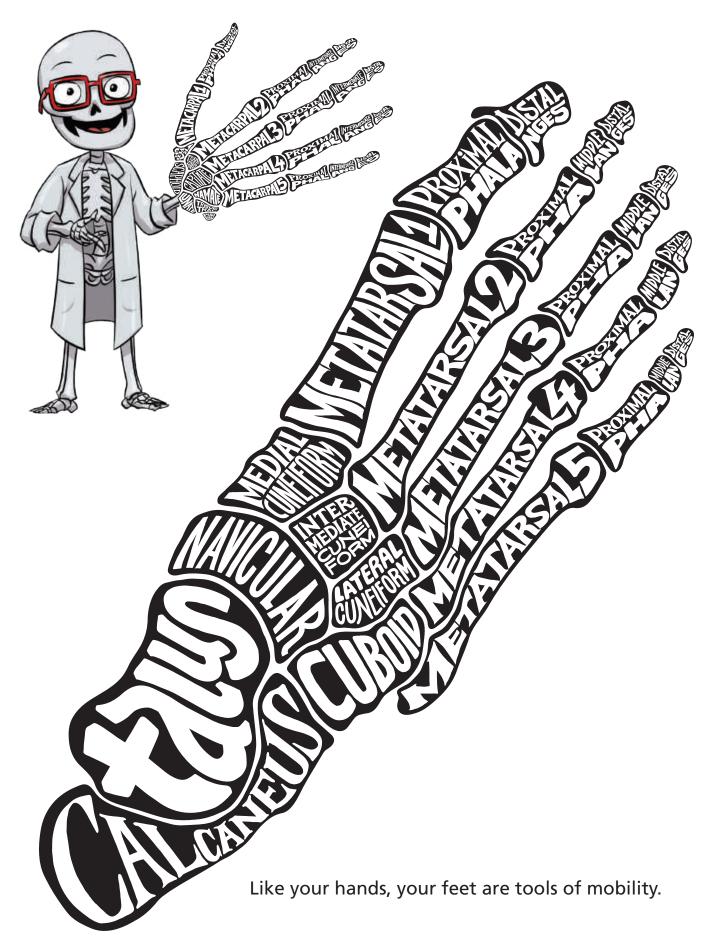
7 3

10 (14)

How many phalange bones are in two feet?

6 20

10 28



Let's **DIP** into the phalanges. We'll show you a word-trick.

The word-trick is called a mnemonic.

And you say it like this: "ne-mon-ick"

Here's how it works:

The letters D-I-P help you remember the bones of the toes.

- **D** stands for Distals. They are out at the tips.
- I stands for Intermediates. They are the bones in the middle.
- **P** stands for Proximals. They are the bones at the base.

Your big toe has two bones and your other toes have three. Take a look at your own foot and you will clearly see.

