

HOT DOTS®

Human Body Science Cards

Guide

Hot Dots® Science Cards provide a comprehensive review of science content for grades 3-5. Use the cards with the Hot Dots® pen (sold separately) for self-checking review, or use the cards by themselves as science flash cards.

What's on Each Card?

Question Number

2

Human Body

RESPIRATORY SYSTEM

Topic

Question

Aside from being a great Halloween costume, your skeletal system is also used for all of the following except:

Illustration/Photo

Hot Dots®

Answer Choices

- A. protecting your organs.
- B. providing a frame so your body can stand up.
- C. providing attachments for the muscles that allow your body to move.
- D. absorbing the food that you eat.

EI-2725

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Wow! That's
EXCELLENT!

Using the Cards with the Hot Dots® pen

The Hot Dots® pen adds instant, self-checking feedback to independent practice in a fun, interactive way. When the cards are used with the Hot Dots® pen, students receive electronic answer reinforcement in two ways:

- Touch the pen to a **CORRECT** answer dot on the card and students are instantly rewarded with a glowing green light, a cool phrase, and a variety of motivating sounds.
- Touch the pen to an **INCORRECT** answer dot on the card and the pen glows red and gently provides encouraging words and sound effects.

Before letting students work independently, demonstrate how to use the cards and the Hot Dots® pen. Choose a sample card, read the question together, and select the correct answer choice. Show students how to position the pen on the center of the Hot Dot next to the answer choice, making sure the tip of the pen is flat on the surface of the dot. Demonstrate what happens when an incorrect Hot Dot answer choice is selected.

EI-2370 Hot Dots® pen
sold separately.

Tips:

- Make sure that the cards rest on a hard surface when using the Hot Dots® pen on them.
- Never laminate the cards.

Suggestions for the Teacher

This set contains 36 two-sided cards with 72 questions in all. The set is divided into several topics.

Students can independently read the question and answer it with the Hot Dots® pen or with pencil and paper. The cards may be duplicated and given as a group or class activity. You may also wish to project a card for the whole class to see so you can discuss the answer together.

The Table of Contents enables you to select specific cards to target content where students need reinforcement. Students can also complete an entire set for a more comprehensive review of a broader topic. Because the Hot Dots® pen provides instant feedback in an engaging way, this makes a great activity for a learning center as well as for individual practice.

Human Body Table of Contents

Musculoskeletal System

- 1-5 Bone Basics
- 6-11 Important Bones and Parts of the Body
- 12-15 Joints
- 16-18 Muscles and Tendons

Excretory System

- 19 Purpose
- 20-22 Organs and Functions

Digestive System

- 23 Purpose and Structure
- 24-27 Functions of Organs and Parts
- 28-30 Mouth

Circulatory System

- 31-33 Heart
- 34-36 Veins, Arteries, and Capillaries
- 37-40 Blood and Platelets

Nervous System

- 41 Purpose
- 42-44 Functions of Organs and Parts

Respiratory System

- 45 Purpose
- 46-48 Lungs and Breathing
- 49-50 Functions of Parts

Sensory Organs

- 51-52 Skin
- 53-54 Eyes
- 55 Ears
- 56-58 Stimuli, Reflexes, and Coordination

Nutrition and Energy

- 59-62 Fueling the Body

Building Blocks of Life

- 63-66 Function and Organization
- 67-68 Nucleus and DNA
- 69-72 Cell Parts and Functions

Answer Key

1 A	10 B	19 B	28 B	37 C	46 B	55 C	64 D
2 D	11 B	20 B	29 B	38 A	47 C	56 D	65 A
3 C	12 A	21 A	30 C	39 D	48 A	57 B	66 B
4 C	13 A	22 D	31 B	40 A	49 B	58 D	67 A
5 D	14 A	23 D	32 A	41 C	50 C	59 D	68 B
6 D	15 A	24 C	33 C	42 A	51 B	60 B	69 C
7 A	16 A	25 D	34 B	43 C	52 C	61 A	70 B
8 D	17 B	26 D	35 D	44 D	53 C	62 C	71 C
9 A	18 A	27 D	36 C	45 D	54 A	63 D	72 B

