

Digestive System

Answer Key

Vocabulary: absorption, amino acid, carbohydrate, chemical digestion, chyme, complex carbohydrate, digestion, digestive system, elimination, enzyme, fat, fatty acid, fiber, food calorie, mechanical digestion, monoglyceride, nutrient, peristalsis, protein, starch, sugar, villus

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

[Note: The purpose of these questions is to activate prior knowledge and get students thinking. Students are not expected to know the answers to the Prior Knowledge Questions.]

1. Why do we need to eat food?

Answers will vary. Sample answer: Food provides a source of energy and raw materials for growth and development.

2. How do you think our bodies break food down into useful **nutrients**?

Answers will vary. Sample answer: Teeth chew food into small pieces, which are swallowed and transported to the stomach. Chemicals in the stomach and intestines further break down food into simple nutrients, which are absorbed into blood.

Gizmo Warm-up

The **digestive system** is a group of organs that does three things:

- First, the digestive system breaks food down into useful nutrients, a process called **digestion**.
- Next, the nutrients move into the bloodstream, a process called **absorption**.
- Finally, the leftover waste is removed from the body, a process called **elimination**.

Mouth/pharynx

The mouth contains teeth, which cut and grind food. Food travels into the throat, or pharynx.



With the *Digestive System Gizmo™*, you can arrange the organs of the digestive system any way you like. To begin, look at the organs on the **Large Organs** tab. Place your cursor over each organ to learn more about it.

1. Which organs allow nutrients to be absorbed? *Small intestine and large intestine*

2. Which organ stores and compacts waste before it is eliminated? *Rectum*

3. Which two organs help to break food down mechanically? *Mouth, stomach*

Gizmo Digestive System Answers

Patrick Vollmar

A red circular graphic with a gradient, appearing as a semi-circle or a partial ring, located to the right of the author's name.

Gizmo Digestive System Answers:

Evolution Education Re-considered Ute Harms, Michael J. Reiss, 2019-07-16 This collection presents research based interventions using existing knowledge to produce new pedagogies to teach evolution to learners more successfully whether in schools or elsewhere Success here is measured as cognitive gains as acceptance of evolution or an increased desire to continue to learn about it Aside from introductory and concluding chapters by the editors each chapter consists of a research based intervention intended to enable evolution to be taught successfully all these interventions have been researched and evaluated by the chapters authors and the findings are presented along with discussions of the implications The result is an important compendium of studies from around the world conducted both inside and outside of school The volume is unique and provides an essential reference point and platform for future work for the foreseeable future New Scientist, 2006

New Scientist and Science Journal, 2007 *The Science of the Digestive System* Louise Spilsbury, Richard Spilsbury, 2017-07-15 Every munch and crunch of our lunch makes its way through our digestive systems How does our body break down food into energy This innovative book gives readers an inside look at this essential bodily process Flowcharts reiterate key concepts at the end of each chapter allowing readers to visualize and retain complex information in a fun way Colorful graphics and easy to understand language ensure this book is both fun and accessible Even readers who are reluctant to study science will enjoy this visually rich playful exploration of the human digestive system This unique approach to science curriculum materials is sure to make this book a favorite in any library **The Human Digestive System** Cassie M. Lawton, 2020-07-15 The digestive system helps humans get the most out of every meal and drink It also rids the body of unwanted substances This close examination explains the ins and outs of the digestive system including its location within the human body the organs used in digestion and ways excreting certain materials benefits the human body Its colorful photographs diagrams fact boxes and sidebars keep readers interested and offer comprehensive insight into one of the most important systems of the human body Discussion questions are included to strengthen readers understanding of this life science learning experience *The Digestive System* Britannica Educational Publishing, 2010-04-01 The satisfaction derived from savoring a steak or indulging in an ice cream sundae is only one aspect of a larger process that occurs in the human digestive system From the moment food enters our mouths until long after we have finished a meal the body engages in an extensive routine designed to retain nutrients and discard waste This comprehensive book examines all the vital components involved in consuming and digesting food as well as the diseases and disorders that can plague this frequently overlooked area of the human body 101 Questions about Food and Digestion that Have Been Eating at You-- Until Now Faith Hickman Brynie, 2002 Questions and answers explain the human digestive system and how it uses food for nutrition

Digestive System Myron E. Tracht, 1973 The Digestive System Rebecca L. Johnson, 2005-01-01 Describes the structure and function of the human digestive system Digestive System Gretchen Hoffmann, 2009 Discusses the parts that

make up the human digestive system what can go wrong how to treat those illnesses and diseases and how to stay healthy
Provided by publisher

Reviewing **Gizmo Digestive System Answers**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Gizmo Digestive System Answers**," an enthralling opus penned by a highly acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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Table of Contents Gizmo Digestive System Answers

1. Understanding the eBook Gizmo Digestive System Answers
 - The Rise of Digital Reading Gizmo Digestive System Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Gizmo Digestive System Answers
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Gizmo Digestive System Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Gizmo Digestive System Answers
 - Personalized Recommendations
 - Gizmo Digestive System Answers User Reviews and Ratings
 - Gizmo Digestive System Answers and Bestseller Lists

5. Accessing Gizmo Digestive System Answers Free and Paid eBooks
 - Gizmo Digestive System Answers Public Domain eBooks
 - Gizmo Digestive System Answers eBook Subscription Services
 - Gizmo Digestive System Answers Budget-Friendly Options
6. Navigating Gizmo Digestive System Answers eBook Formats
 - ePub, PDF, MOBI, and More
 - Gizmo Digestive System Answers Compatibility with Devices
 - Gizmo Digestive System Answers Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Gizmo Digestive System Answers
 - Highlighting and Note-Taking Gizmo Digestive System Answers
 - Interactive Elements Gizmo Digestive System Answers
8. Staying Engaged with Gizmo Digestive System Answers
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Gizmo Digestive System Answers
9. Balancing eBooks and Physical Books Gizmo Digestive System Answers
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Gizmo Digestive System Answers
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Gizmo Digestive System Answers
 - Setting Reading Goals Gizmo Digestive System Answers
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Gizmo Digestive System Answers
 - Fact-Checking eBook Content of Gizmo Digestive System Answers
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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