



Flying Colors Science Resource Library: Life Science

Human Body Systems

NGSS MS-LS1-3 and MS-LS1-8

Human Body Systems Unit Plan

Organization of the Human Body Intro Notes

Organization of Life Reading & Questions

Tissue Types Activity

Organization of the Human Body Quiz

Circulatory System Notes

Circulatory System Information Stations

Circulatory System Heart Disease Activity

Circulatory System Heart Rate Lab

Circulatory System Weird Animal Hearts

Circulatory System Path of Blood Flow Activity

Circulatory System WebQuest

Circulatory System Quiz

Respiratory System Notes

Respiratory System Information Stations

Respiratory System Lung Lab

Respiratory System Gas Exchange Worksheet

Respiratory System Games (2)

Respiratory System Quiz

Human Body Systems, Continued (Page 2 of 3)

Digestive System Notes

Digestive System Information Stations

Digestive System Villi Worksheet

Digestive System Nutrition Article & Activity

Digestive System Group Choice Project

Digestive System Quiz

Compare Organ Systems Worksheet

Excretory System Notes

Excretory System Information Stations

Excretory System Model a Kidney Activity

Excretory System Quiz

Nervous System Notes

Nervous System Information Stations

Nervous System Test Your Brain Lab

Nervous System Reaction Time Lab

Nervous System Quiz

Integumentary System Notes

Integumentary System Information Stations

Integumentary System Skin Sensitivity Lab

Integumentary System Quiz

Musculoskeletal System Notes

Musculoskeletal System Information Stations

Movement in the Body Text & Questions

Muscles & Bones as Machines Text & Questions

Skeletal System Text & Questions

Musculoskeletal System Quiz

Human Body Systems, Continued (Page 3 of 3)

Immune System Notes

Infectious Diseases Article & Questions

Immune System Information Stations

Top 10 Infectious Diseases Text & Questions

Immune System Quiz

Endocrine System Notes

Endocrine System Information Stations

Endocrine System Hormones Activity

Endocrine System Quiz

Reproductive System Notes

Reproductive System Information Stations

Reproductive System Gametes/Zygote Activity

Reproductive System Quiz

Discovery in the Human Body Timeline Project

Organ Systems Review Worksheet

Human Body Systems Test

10 Medical Breakthroughs Reading & Questions

10 Weird Human Body Facts Reading & Questions

Cells and Organelles

NGSS MS-LS1-1 and MS-LS1-2

Characteristics of Life Presentation & Cloze Notes

Introduction to Cells Presentation & Cloze Notes

Prokaryotic vs. Eukaryotic Cells Worksheet

Stimulus/Response & Homeostasis Presentation & Cloze Notes

3D Cell Model Project

Organelles Diagram Worksheet

Cell Membrane Diagram Coloring Page

Osmosis Worksheet

Cell Membrane Lab

Organelles Quiz

Cells and Organelles Review Worksheet

Cells and Organelles Test

Photosynthesis, Respiration, and the Carbon Cycle

NGSS MS-LS1-6

Photosynthesis Text & Questions

Respiration Text & Questions

The Cycle of Photosynthesis Text & Questions

Spanish Version of Photosynthesis & Respiration Article

Photosynthesis Spinach Lab

Cellular Respiration Balloon Lab

Carbon Cycle Drawing Activity

Cell Energy Stations Activity

Carbon and Oxygen Cycle Worksheet

Carbon Cycle Project

Cell Energy Sorting Activity

Photosynthesis & Respiration Quiz

Ecosystems

NGSS MS-LS2-1, MS-LS2-2, MS-LS2-3, MS-LS2-4, and MS-LS2-5

Symbiosis Worksheet

Informative Symbiosis Articles & Questions

Top 10 Coolest Symbiotic Relationships

Symbiosis Quiz

Fungi Article & Questions

Personalize Decomposers Activity

Food Web Poster Project

Food Webs Quiz

Populations Reading & Worksheet

Limiting Factors of Endangered Species Activity

Graphing Carrying Capacity

Analyze Population Graphs Worksheet

Population Quiz

Human Impact on Ecosystems Reading

Habitat Destruction in the Amazon Activity

Overharvested Resources in the News Activity

Graphing Invasive Species Activity

Top 10 Invasive Species Reading & Questions

How Climate Change Affects Animals

“Flying Cats” Biomagnification Text & Questions

Ecosystem Restoration Projects WebQuest

Hometown Ecosystem Research Project

Succession in Ecosystems Quiz

Ecosystems Test

DNA and Chromosomes

NGSS MS-LS3-1

Create a Paper DNA Model

DNA Model Project

DNA Extraction Lab

DNA Mutations Article & Worksheet

DNA Mutations Simplified Activity

DNA and Protein Synthesis Text & Questions

Enzymes Reading & Questions

Protein Synthesis Activity

DNA Fingerprinting Activity

Structure of DNA Quiz

Build a Karyotype Activity

DNA & Chromosomes Quiz

DNA and Chromosomes Test

Top 10 Fascinating DNA Facts Article & Questions

Asexual and Sexual Reproduction

NGSS MS-LS1-4 and MS-LS3-2

Types of Asexual Reproduction Text & Questions

Weird Types of Asexual Reproduction Reading & Questions

Cloning Article & Questions

Specialized Reproductive Plant Structures Activity

Flower Structure Worksheet

Design a Flower Activity

Top 10 Coolest Plant Adaptations Reading & Questions

Build a Baby Sexual Reproduction Activity

Build a Koala Karyotype

Genetic Diversity Reading & Questions

Life Cycle of Coral Reproduction Activity

Reproduction Quiz

Asexual & Sexual Reproduction Worksheets (3)

Reproduction Test

Genetics and Heredity

Chromosomes & Alleles Worksheet

Punnett Squares Quiz

Pedigree Worksheet

Blood Type & Codominance Worksheet

Sex-Linked Traits Worksheet

Chromosome Errors Graphing Activity

Genetics Quiz

Genetic Engineering Article and Worksheet

Genetics Review Worksheet

Genetics Test

Natural Selection and Evolution

NGSS MS-LS4-2, MS-LS4-3, MS-LS4-4, MS-LS4-5, and MS-LS4-6

Genetic Diversity Article & Questions

Natural Selection Worksheet

Natural Selection Drawing Worksheet

Natural Selection in Birds Text & Questions

Natural Selection Quiz

Top 10 Weird Animals Adaptations Article

Top 10 Coolest Plant Adaptations Reading & Questions

Evidence of Evolution CER Activity

Homologous Structures Worksheet

Vestigial Structures Article and Questions

Embryology Activity

DNA Evidence of Evolution Activity

Evidence of Evolution Quiz

Cladograms Worksheet

Creating Cladograms Activity

Human Evolution Text, Questions, & Graphing

Opposable Thumbs Activity

Evolution Review Worksheet

Natural Selection and Evolution Test

Fossils and the Law of Superposition

NGSS MS-LS4-1

Geologic Time & Law of Superposition Presentation

Law of Superposition Reading & Questions

Geologic Time & History of Life Informational Text & Worksheet

Intro to Fossils Reading & Questions

Law of Superposition Worksheet Version 1

Law of Superposition Worksheet Version 2

Fossils Claims and Evidence Worksheet

Fossils Reading Comprehension Worksheet

Geologic Time Scale TO SCALE Activity

Law of Superposition Quiz

Law of Superposition/History of Life Test

Classification of Living Things

Fungi Article & Questions

Get to Know Decomposers

Kingdoms of Living Things Activity

Classification of Living Things Test

Final Exam

Middle School Life Science Final Exam

Life Science Scientist Biographies

Dr. Jane Wright (Cancer Researcher) Biography & Questions

Dr. Susan LeFlesche Picotte (Physician) Biography & Questions

Dr. Marie Daly (DNA & more) Biography & Questions

Rosalind Franklin (DNA) Biography & Questions

Mary Leakey (Fossils) Biography and Questions

Vivien Thomas (Cardiology) Biography & Questions

Grab-and-Go Life Science Sub Plans

Top 10 Infectious Diseases Text & Questions

10 Medical Breakthroughs Reading & Questions

10 Weird Human Body Facts Reading & Questions

Top 10 Coolest Symbiotic Relationships

Top 10 Fascinating DNA Facts Article & Questions

Top 10 Coolest Plant Adaptations Reading & Questions

Top 10 Weird Animals Adaptations Article

Top 10 Environmental Disasters Reading

Top 10 Strangest Vestigial Structures Article and Questions

Top 10 Invasive Species Reading & Questions