

More than just frogs & field trips

While we at Digital Frog International are known for frog dissections and digital field trips, our software covers much, much more. From anatomy to the flow of matter and energy. From evolution to geology, our software covers a wide range of topics you teach in your classroom.

Use this chart to help you evaluate which product best fits with your curriculum needs.

THE HUMAN ORGANISM

SPECIFIC TOPICS	Digital Frog 2	Wetlands	Rainforest	Desert
BASIC FUNCTIONS				
Circulatory system	✓✓✓✓			
Digestive system	✓✓✓✓			
Musculoskeletal system	✓✓✓✓			
Control system	✓✓✓✓			
Immune system	✓✓✓✓			
Urogenital system	✓✓✓✓			
Endocrine system	✓✓✓✓			
Respiratory system	✓✓✓✓			
Nervous system	✓✓✓✓			
Interacting systems	✓✓✓✓			

The Digital Frog 2 looks at each frog system in detail & compares it to humans.

✓ - detailed study

THE PHYSICAL SETTING

SPECIFIC TOPICS	Digital Frog 2	Wetlands	Rainforest	Desert
THE EARTH				
Water cycling & climate		✓	✓	✓
Fresh water sources & protection				✓
Ocean currents - climate				✓
Earth's resources & conservation		✓	✓	✓
Life's adaptations (gravity, atmosphere, sun's radiation)		✓	✓	✓
Weather & climate (winds & ocean currents)				✓
PROCESSES THAT SHAPE THE EARTH				
Rock classification				•
Plants & animals may cause change				✓
Waves, wind & water (erosion & deposition)				✓
Rocks, minerals & soil				✓✓
Changes in earth's surface: slow & fast				•
Sedimentary rock				✓
Metamorphic rock				✓
Rock & its history: minerals, temperatures, forces				✓
Rock layers: folding, breaking, uplifting				✓
Soil composition			✓	✓
Human impact on the environment & ecosystems	✓	✓	✓✓	✓✓✓
Plants' role in atmosphere		•		
Rock cycle				✓

✓ - detailed study • - supporting materials

For more information on our software and curriculum correlations, visit www.digitalfrog.com

THE LIVING ENVIRONMENT

SPECIFIC TOPICS	Digital Frog 2	Wetlands	Rainforest	Desert
DIVERSITY OF LIFE				
Animal comparisons	✓	✓✓	✓✓✓	✓✓✓✓
Animal adaptations	✓	✓✓	✓✓✓	✓✓✓✓
Plant comparisons		✓✓	✓✓✓	✓✓✓✓
Plant adaptations		✓✓	✓✓✓	✓✓✓✓
Sort living things	✓	✓	✓	✓
Plants vs. animals		✓	✓	✓
Plant structure & function		✓	✓✓✓	✓✓
Animal structure & function	✓✓✓✓	✓	✓	✓✓
Classification according to internal & external features	✓	•	•	•
Species	✓	•	✓✓	•
Global food web		•	•	•
Variation within species & their survival under changed conditions			✓✓	
INTERDEPENDENCE OF LIFE				
Animal dependencies (food, shelter, nesting, pollination, dispersal)		✓	✓✓✓	✓✓
Biodiversity	✓	✓	✓✓	✓
Adaptations: survival success of different animals in a given environment		✓	✓✓✓	✓✓✓
Detritivores: insects & other organisms			✓	
Habitat changes: harmful or beneficial	✓	✓✓	✓✓	✓✓
Microorganisms: beneficial decomposers			✓	
Competition for resources		✓	✓✓	✓✓✓
Physical/abiotic conditions determine growth & survival				✓✓
Interactions/relationships (eg. producer/consumer, predator/prey)		✓✓	✓✓	✓✓
Ecosystems: change (climate/new species)			✓	
Ecosystems & humans (human impact)	✓	✓	✓✓	✓✓✓
FLOW OF MATTER & ENERGY				
Plant & animal requirements	✓	✓	✓	✓✓
Material recycling		✓	✓	
Animal food originates with plants		✓✓	✓	
Energy needed for life & growth		✓✓	•	•
Organisms are constantly growing, reproducing, dying, decaying		✓	•	•
Food: building materials, energy/fuel		✓	•	•
Food: photosynthesis		✓✓	•	✓
Food: breakdown for energy & materials		✓✓	•	•
Energy: food energy from plants		✓✓✓	•	✓
Energy: animals oxidize food for energy, most energy lost as heat		✓	•	•
Fossil fuels		✓		✓
Life limited by abiotic factors				✓
Nutrient cycles		✓✓		
Human impact reduces fertility of land			✓✓✓	✓✓✓
Sunlight energy fuels food web		✓✓		
EVOLUTION				
Different organisms have different features to help them survive in different kinds of places		✓	✓	✓
Differences within a species may lead to an advantage in surviving & reproducing			✓✓	
How species change: environmental conditions			✓✓	
Natural selection			•	

✓ - detailed study • - supporting materials