

Jamaica_Science_Grade 05

Table of Content with Listing of Activities

1. Weather: Its Nature and Its Elements

- Tutorial 1: Weather: Its Nature and Its Elements: Key Terms
- Activity 1: Weather: Its Nature and Its Elements

2. Studying the Weather

- Tutorial 1: Studying the Weather
- Activity 1: Studying the Weather: Key Terms
- Activity 2: Studying the Weather: Key Ideas
- Tutorial 2: Rainfall and Cloudy Day

3. Weather, Climate and Adaptations of Animals to Climate

- Tutorial 1: Weather
- Review 1: Weather
- Tutorial 2.1: Climate
- Tutorial 2.2: Factors Affecting Climate at any Place
- Review 2.1: Factors Affecting Climate at any Place
- Review 2.2: Factors Affecting Climate at any Place
- Tutorial 3: Adaptation in Animals to Different Climates
- Review 3.1: Adaptation in Animals to Different Climates
- Review 5.4: Adaptation in Animals to Different Climates
- Tutorial 4: Adaptation in Animals to Tropical Rain Forests
- Review 5.1: Adaptation in Animals to Tropical Rain Forests
- Review 5.2: Adaptation in Animals to Tropical Rain Forests
- Review 5.3: Adaptation in Animals to Tropical Rain Forests
- Column Matching 1: Weather, Climate and Adaptations of Animals to Climate
- Column Matching 2: Weather, Climate and Adaptations of Animals to Climate
- Column Matching 3: Weather, Climate and Adaptations of Animals to Climate
- Column Matching 5 : Weather, Climate and Adaptations of Animals to Climate

4. Force and Motion

- Tutorial 1: Force

- Tutorial 2: Types of Forces
- Tutorial 3: Motion
- Tutorial 4: Newton's Three Laws of Motion
- Tutorial 5: Speed and Velocity
- Tutorial 6: Acceleration and Deceleration
- Activity 1: Force and Motion: Key Terms (1)
- Activity 2: Types of Forces
- Activity 3: Kinds of Motion
- Activity 4: Force and Motion: Key Terms (2)

5. Force and Pressure

- Tutorial 1: Study of Force
- Review 1: Study of Force
- Tutorial 2: Forces are Due to an Interaction
- Review 2.1: Forces are Due to an Interaction
- Review 2.2: Forces are Due to an Interaction
- Review 2.3: Forces are Due to an Interaction
- Tutorial 3: Resultant Force, Balanced Force and Unbalanced Force
- Review 3: Resultant Force, Balanced Force and Unbalanced Force
- Tutorial 4: Effects of Force
- Review 4: Effects of Force
- Tutorial 5: Pressure
- Review 5: Pressure
- Tutorial 6: Pressure Exerted by Liquids
- Review 6: Pressure Exerted by Liquids
- Tutorial 7: Pressure Exerted by Gases (Air)
- Review 7: Pressure Exerted by Gases (Air)
- Column Matching 1: Force and Pressure
- Column Matching 2: Force and Pressure
- Column Matching 3: Force and Pressure

6. Friction

- Tutorial 1: Force of Friction

- Review 1.1: Force of Friction
- Review 1.2: Force of Friction
- Tutorial 2: Factors on Which the Force of Friction Depends
- Review 2: Factors on Which the Force of Friction Depends
- Tutorial 3: Friction is a Self - Adjusting Force
- Review 3: Friction is a Self - Adjusting Force
- Tutorial 4: Friction is a necessary evil
- Review 4.1: Friction is a necessary evil
- Review 4.2: The Necessity of Friction
- Tutorial 5: Friction Due to Fluids
- Review 5.1: Friction Due to Fluids
- Column Matching 1: Friction
- Column Matching 2: Friction
- Column Matching 3: Friction

7. Energy

- Tutorial 1: Sources of Energy
- Tutorial 2: Kinds of Energy
- Tutorial 3: Forms of Energy (I)
- Tutorial 4: Forms of Energy (II)
- Tutorial 5: Transformation of Energy
- Tutorial 6: Energy Transfer
- Tutorial 7: Energy Around You
- Activity 1: Energy
- Activity 2: Energy
- Activity 3: Energy

8. Heat

1. Activity: Conduction of Heat by Materials
 2. Activity: Change Caused by Heating
- Tutorial 1: Heat
 - Review 1: Heat
 - Tutorial 2: Temperature

- Review 2: Temperature
- Tutorial 3: Thermometer
- Review 3.1 : Thermometer
- Review 3.2 : Thermometer
- Tutorial 4: Conduction
- Review 4: Conduction
- Tutorial 5: Good and Poor Conductors of Heat and Insulators
- Review 5: Good and Poor Conductors of Heat and Insulators
- Tutorial 6: Uses of Good and Bad (or poor) Conductors of Heat
- Review 6: Uses of Good and Bad (or poor) Conductors of Heat
- Tutorial 7: Convection
- Tutorial 8: Applications of Convection Currents
- Review 8: Applications of Convection Currents
- Tutorial 9: Radiation
- Review 9: Radiation
- Tutorial 10: Applications of Absorber and Reflectors
- Review 10: Applications of Absorber and Reflectors
- Column Matching 1: Heat
- Column Matching 2: Heat

9. Components of Food

- Tutorial 1: Food and Nutrition
- Review 1: Food and Nutrition
- Tutorial 2: Carbohydrates
- Review 2.1: Carbohydrates
- Review 2.2: Carbohydrates
- Tutorial 3: Fats
- Review 3: Fats
- Tutorial 4: Proteins
- Review 4: Proteins
- Tutorial 5: Vitamins
- Review 5.1: Vitamins

- Review 5.2: Vitamins
- Tutorial 6: Minerals
- Review 6: Minerals
- Tutorial 7.1: Water
- Tutorial 7.2: Dietary Fibres or Roughage
- Review 7: Dietary Fibres or Roughage
- Tutorial 8.1: Balanced Diet
- Tutorial 8.2: Under nutrition and Malnutrition
- Review 8.1: Under nutrition and Malnutrition
- Review 8.2: Under nutrition and Malnutrition
- Tutorial 9.1: Obesity
- Tutorial 9.2: Deficiency Diseases
- Review 9: Deficiency Diseases
- Tutorial 10.1: Deficiency of Vitamins
- Tutorial 10.2: Deficiency of Minerals
- Review 10: Deficiency
- Column Matching 1 : Components of Food
- Column Matching 2 : Components of Food
- Column Matching 3 : Components of Food

10. Food

- Tutorial 1.1: Introduction of Food
- Tutorial 1.2: Nutrition
- Review 1.1: Nutrition
- Review 1.2: Nutrition
- Tutorial 3: Nutrition in Green Plants
- Activity 1: To show that green plants produce oxygen during photosynthesis
- Activity 2: To show that leaves make starch as food by photosynthesis and that sunlight is necessary for photosynthesis
- Review 3.1: Nutrition in Green Plants
- Review 3.2: Nutrition in Green Plants
- Tutorial 4: Synthesis of Food other than Carbohydrates

- Tutorial 5: Heterotrophic Nutrition in Plants
- Tutorial 6: Replenishment of Nutrients in the Soil
- Review 6.1: Replenishment of Nutrients in the Soil
- Review 6.2: Replenishment of Nutrients in the Soil
- Column Matching 1: Food
- Column Matching 2: Food

11. Interdependence among Organisms

- Tutorial 1: Components of an Ecosystem
- Tutorial 2: The Significance of the Abiotic Components of an Ecosystem
- Tutorial 3: Classification of the Biotic Components of an Ecosystem
- Tutorial 4: The Food Chain and the Food Web
- Tutorial 5: The Food Pyramid and the Food Cycle
- Tutorial 6: Relationship Among Organisms
- Tutorial 7: Ecological Balance
- Activity 1: The Ecosystem
- Activity 2: The Food Pyramid and the Food Chain
- Activity 3: Relationships Among Organisms
- Activity 4: The Ecosystem
- Activity 5: The Ecosystem

12. People and the Environment

- Tutorial 1: Activities of People that Affect the Environment (1)
- Tutorial 2: Activities of People that Affect the Environment (2)
- Tutorial 3: Effects of Population Growth on People
- Tutorial 4: Effects of Population Growth on Pollution
- Tutorial 5: Effects of Population Growth on the Environment
- Tutorial 6: Improving the Environment
- Activity 1: Environmental Awareness and Conservation: Key Terms
- Activity 2: Improving the Environment