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| *Science* FLE Y3/4 Animals including Humans | | |
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| |  | | --- | | **Forever Facts** | | Living things need food to grow and to be strong and healthy. | | Plants can make their own food, but animals cannot. | | To stay healthy, humans need to exercise, eat a healthy diet and be hygienic. | | Animals, including humans, need food, water and air to stay alive. | | Skeletons do three important jobs: protect organs inside the body; allow movement; support the body and stop it from falling on the floor. | | Skeletal muscles work in pairs to move the bones they are attached to by taking turns to contract (get shorter) and relax (get longer). |  |  | | --- | | **Skills** | | I can ask relevant questions and using different types of scientific enquiries to answer them**.** | | I can set up simple practical enquiries, comparative and fair tests**.** | | I can make systematic and careful observations and, where appropriate, taking accurate measurements. | | I can gather, record, classify and present data in a variety of ways to help in answering questions**.** | | I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables**.**  To coach Teignford Hockey team to success, presenting them with all the advice they need on diet, exercise and how to prevent injury. | | I can report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions**.** | | I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions**.** | | I can identify differences, similarities or changes related to simple scientific ideas and processes**.** | | I can use straightforward scientific evidence to answer questions or to support my findings. | | |  | | --- | | **Exciting Books** | | https://images-na.ssl-images-amazon.com/images/I/618wCfjkrwL._SX420_BO1,204,203,200_.jpg | | | |   Our Endpoint | |  |  | | --- | --- | | **Subject Specific Vocabulary** | | | healthy | In a good physical and mental condition. | | nutrients | Substances that living things need to stay alive and healthy. | | energy | Strength to be able to move and grow. | | Saturated fats | Types of fats, considered to be less healthy, that should only be eaten in small amounts. | | unsaturated fats | Fats that give you energy, vitamins and minerals. | | vertebrate | Animals with backbones. | | invertebrate | Animals without backbones. | | muscles | Soft tissues in the body that contract and relax to cause movement. | | tendons | Cords that join muscles to bones. | | joints | Areas where two or more bones are fitted together. |   **SMSC**: *Spiritual - using evidence to make sense of the world. Develop an understanding of our relationship with the world around us. Moral – moral decisions are an important aspect of how we can have a positive effect on our health and wellbeing. Social – working collaboratively, sharing ideas, data, and results. Cultural – we explore how scientific discoveries have shaped the modern world.*  · |