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| Domain | Kindergarten/ Maternelle | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Life | Plants and animals have observable features | Living things have features and behaviours that help them survive in their environment | **All living things have a life cycle** | Living things are diverse, can be grouped, and interact in their ecosystems. | All living things and their environment are interdependent. | Multicellular organisms have organ systems that enable them to survive and interact within their environment. | Multicellular organisms rely on internal systems to survive, reproduce, and interact with their environment. | The theory of evolution by natural selection provides an explanation for the diversity and survival of living things |
| Chemistry &Matter | Humans interact with matter every day through familiar materials. | Matter is useful because of its properties. | Materials can be changed through physical and chemical processes. | All matter is made of particles. | Matter has mass, takes up space, and can change phase. | Solutions are homogeneous mixtures | Everyday materials are often homogeneous solutions and heterogeneous mixtures | Elements consist of one type of atom, and compounds consist of atoms of different elements chemically combined |
| Physics &Energy | The motion of objects depends on their properties. | Light and sound can be produced and their properties can be changed. | Forces influence the motion of an object. | Thermal energy can be produced and transferred. | Energy comes in a variety of forms that can be transferred from one object to another. | Machines are devices that transfer force and energy | Newton’s three laws of motion describe the relationship between force and motion | The electromagnetic force produces both electricity and magnetism. |
| Weather &Geology | Daily and seasonal changes affect all living things. | Observable patterns and cycles occur in the local sky and landscape | Water is essential to all living things, and it cycles through the environment. | Wind, water, and ice change the shape of the land. | The motion of Earth and the moon cause observable patterns that affect living and non-living systems. | Humans use earth materials as natural resources | The solar system is part of the Milky Way, which is one of billions of galaxies | Earth and its climate have changed over geological time. |