

Year 4 Autumn: Geography Knowledge Mat

Rivers

| Key Vocabulary | | Maps/ Images/ Features | Core Knowledge |
|-------------------------|--|--|--|
| Drainage | How water flows away from an area through rivers and streams. |  | <ul style="list-style-type: none"> ➤ The water cycle is the way in which water moves around the Earth. ➤ Rivers have many uses around the world, including cleaning, cooking, growing crops, transport and creating power. ➤ A river has three main stages: upper course, middle course, and lower course. ➤ Flooding is caused by poor drainage around or close to a river. ➤ The world's three longest rivers (the longest first): Nile (Africa), Amazon (South America), Yangtze (Asia), |
| Erosion | How wind, water and waves break down and remove rock and soil. | | |
| Flood management | Plans to stop or allow flooding in different areas depending on the landscape and human geography. |  | |
| Irrigation | The supply of water, especially for growing crops. | | |
| Flood prevention | Equipment that is used to stop flooding in populated or vulnerable areas. |  | |
| River basin | The area of land drained by a river and all its tributaries. | | |
| Water cycle | The water cycle is the path that all water follows as it moves around the Earth in different states. | | |

Year 4 Spring: Geography Knowledge Mat

Contrasting localities

| Key Vocabulary | | Maps/ Images/ Features | Core Knowledge |
|-----------------|--|---|---|
| Urban | A built-up area with a large population and many houses. |    | <ul style="list-style-type: none"> ➤ An urban area has lots of people living there. Towns, cities and suburbs are all urban areas. ➤ A rural area has fewer people living there. Rural areas include the countryside, villages and hamlets. ➤ An Ordnance Survey map is used to help people find their way around an area. ➤ Hamlets, villages, towns and cities are all settlement types in the UK. ➤ The features of different settlements such as cathedrals, train stations and farms. |
| Rural | An area with low population density and lots of green space. | | |
| City | A population centre with a large population and access to a large range of services. | | |
| Town | Population centre with a small population and access to limited services. | | |
| Human Geography | Features in our landscape that are made or created by humans. | | |
| Settlement | An area where people live and work. | | |
| Population | The people who live in a given area. | | |

Year 4 Summer: Geography Knowledge Mat

Rainforest

| Key Vocabulary | | Maps/ Images/ Features | Core Knowledge |
|----------------|--|---|---|
| Equator | A circle of latitude that divides the Earth into the Northern and Southern hemispheres. |    | <ul style="list-style-type: none"> ➤ To know and locate the position of Equator, N. and S. Hemisphere, Tropics of Cancer, and Capricorn on a map |
| Tropical | The regions of Earth surrounding the Equator. | | <ul style="list-style-type: none"> ➤ To know the names and locations of the world's rainforests and the Amazon River using atlases, and globes |
| Rainforest | Dense forest rich in biodiversity, found typically in tropical areas with heavy rainfall. | | <ul style="list-style-type: none"> ➤ To know and describe some key topographical and geographical features of the Amazon rainforest regions of the world |
| Hemisphere | Half of the earth, divided into northern and southern halves or into western and eastern halves. | | <ul style="list-style-type: none"> ➤ To know what a rainforest is and explain why they are located where they are |
| Deforestation | The action of clearing a wide area of trees. | | <ul style="list-style-type: none"> ➤ To know and describe the key features of rainforests, including layers, vegetation, climate, and wildlife |
| Emergent layer | The emergent layer of the rainforest is the topmost layer of a rainforest. | | <ul style="list-style-type: none"> ➤ To know the environmental significance of rainforests |
| Canopy | The canopy of the rainforest is the second layer of a rainforest. | | <ul style="list-style-type: none"> ➤ To know how human activity impacts the physical geography of rainforests |
| Understory | The understory of the rainforest is the third layer of a rainforest. | | <ul style="list-style-type: none"> ➤ To know how rainforests are changing over time and around the world |
| Forest floor | The forest floor of the rainforest is the bottom layer of a rainforest. | | |