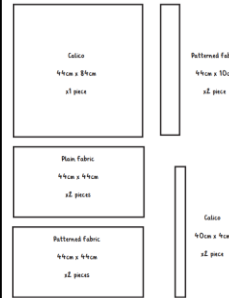


Knowledge Organiser

Y5 The Importance of Trees

*Different environment:
different trees?*

Design and Technology



Creating patterns
of different types
of hats to use
when sewing.

Arctic Tundra

Trees

Arctic willow, mosses, lichens, birch

Weather

Summer: average of 3-12°C

Winter: average of -28°C

Animals

Polar bear, reindeer, arctic fox,
arctic hare

Taiga

Trees

Evergreen, fir, spruce

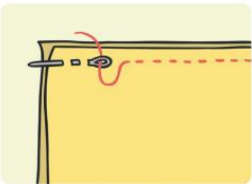
Weather

Summer: mild and wet

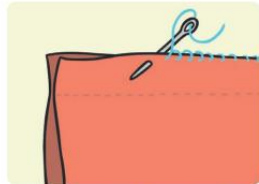
Winter: cold, harsh climate with little
rain

Animals

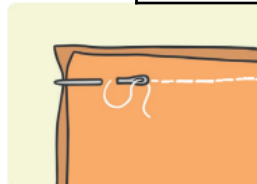
Lynx, otter, wolverine, long-eared owl



running stitch



overcast stitch/whipstitch



backstitch

Desert

Trees

Date palm, elephant tree, cacti, desert willow

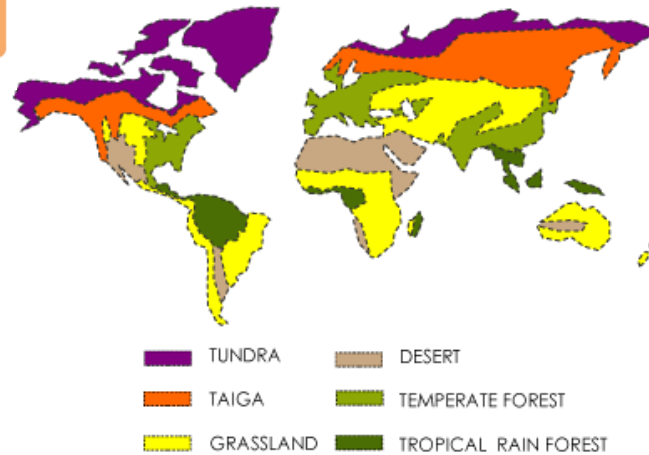
Weather

Summer: temperatures reaching up to 38°C

Winter: still warm with very little rainfall

Animals

Kangaroo rat, cactus wren, desert fox



TUNDRA DESERT
TAIGA TEMPERATE FOREST
GRASSLAND TROPICAL RAIN FOREST

Temperate (Deciduous) Forest

Trees

Oak, sycamore, maple, beech

Weather

Four changing seasons

Rainfall throughout the year

Animals

Frog, white-tailed deer, snowy owl, red fox

Grasslands (Savanna)

Trees

Kigelia, Africana, yellow fever, baobab

Weather

Summer: 6-8 months of wet weather; Winter: 4-6 months of
dry weather

Animals

Elephant, lion, rhino, zebra, giraffe, cheetah

WOW words

Biome	Naturally occurring community of plants and animals
Key	Symbols used to aid map reading
Longitude	East-west position on the Earth
Latitude	North-south position on the Earth
Equator	Divide between northern and southern hemispheres
Tropics (Cancer and Capricorn)	Most northern and southern points where the Sun can be seen overhead
Grid References	Coordinates to locate points on a map

Tropical Rainforest

Trees

Kapok, banana tree, giant red cedar

Weather

Average temperature of 27°C and very wet

Yearly rainfall ranges from 200 - 1000cm

Animals

Eagle, hummingbird, monkey, three-toed sloth