

GRADES VIII AND IX.

A study of North America built up in sequence from observation of a map.

1. Motives leading to the Discovery of the New World.

The pupils to rediscover America for themselves by following the journeys of the Vikings, Cabot, Columbus, Hudson, Cook and Franklin.

2. Latitude and longitude of North America.

The necessity of, and the method of finding by sailors and travellers.

3. Colours in Atlases. Contour lines and Hachures.

What contour lines mean. How they are drawn.

Exercises in section drawing from contour lines. Conventional signs used in maps, the gradual progress of the interpretation of the survey map.

4. The Relief of North America.

This to be deduced by the pupils from an Atlas map and their knowledge of contours.

5. The making of scenery.

Rocks.

The mountain building forces.

Effect of glaciation.

The agents of denudation.

The work of rivers:- The St. Lawrence, a young river,

The Mississippi, an old river.

The scenery of Canada :- Mountains, lakes and rivers.

6. Climate.

The Barometer and Thermometer.

The meaning of "Low Pressure" and of "High Pressure".

From pupils' own observation of readings taken daily from September to November.

The cause of "Wind" and "Rain".

Isotherms and Isobars.

General observation in the school grounds of the altitude of the sun in summer and in winter.

7. A revision of 4.

How relief affects the climate, and the climate of Canada.

Find other factors besides Latitude determining climate.

A general knowledge of the climate map of N. America, and the reading of weather maps as issued to Farmers.

8. A comparison of the Vegetation Map and Climate Map of N. America.

The extent of forests.

Coniferous -sheltering fur-bearing animals ) all the result of

Broad-leaves - (special types of

Evergreen - )climate.

The grass lands.

The Hot Deserts.

The Cold Deserts - Tundra

9. The Hudson Bay Co., the early pioneers and a general idea of the home life of the "Indians."