

12. Weather and Climate:—

(a) Cyclones (movement, air pressure, weather of, temperature and tropical, movement in N. America, theories of origin).

(b) Anticyclones (general conditions and weather in).

(c) Thunderstorms, tornadoes, hurricanes, (their causes, weather, area of development).

(d) Climate (different types such as oceanic and continental, monsoon climate, the equatorial belt, trade wind belt, Mediterranean climate, the Savanna belts, the temperate and frigid zones.)

13. The Earth as a Planet:—

(a) The earth's shape (proofs).

(b) Rotation—effects.

(c) Revolution—effects.

(d) The earth's interior (present and past theories).

(e) The states of matter on the earth.

(f) Age of the earth (proofs).

(g) Plan of the earth and theories of the origin and arrangement of the continents and ocean basins.

(g) Eclipses.

14. The Solar System and the Universe.

(a) Distinction between solar system and universe—members of solar system (planets, satellites, asteroids, meteors, meteorites, comets).

(b) The Sun (distance, size, heat, photosphere, chromosphere, corona, spots and their probable influence upon cyclones).

(c) Stars: (their nature, magnitude, and number, constellations, distance from earth).

(d) The names of a few of the constellations to be seen in our latitude.

15. Physiography of Canada—especially of Quebec:—

(a) The Regions of Canada (Canadian Shield, St. Lawrence Lowland, Great Plain, Appalachian and Cordillera)—A general knowledge of their structure and topography.

(b) The St. Lawrence (as given in section No. 217 of Tarr and Von Engeln) —also Sutherland "Province of Quebec—Social and Geographical Studies."

(c) Province of Quebec:—

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| (1) The St. Lawrence Plain | } As given in Mr. Sutherland's book
"Province of Quebec—Social and Geographical Studies." |
| (2) The Appalachian Region... | |
| (3) The Laurentian Region. | |

16. (a) Text Book for Pupils' Outline only:

Ontario High School Physiography.

(b) Teachers must have Tarr and Von Engeln's New Physical Geography" also Sutherland's Province of Quebec—Social and Geographical Studies."

(c) Other useful books are:—

"Physical Geography", Lake, (Cambridge, 1925).

"Advanced Physiography", Thornton—Longman's.
