

No. 3.

1. How are tides produced? "The tides are greater than ordinary twice every month, viz., at the times of new and full moon." Explain this clearly, illustrating by diagrams.
2. Draw a diagram showing the position of the earth in her orbit on the 1st of March.
3. State the cause and trace the course of the Gulf Stream.
4. Two men start from Toronto and travel around the world arriving home on the same day; the man that went West, says it is Saturday; what day does the other say it is? What day is it?
5. Enumerate the principal mineral and vegetable products of America, and mention the parts from which those products are chiefly exported.
6. Draw, on your writing-paper, a map of the Australian Continent, marking out the boundaries of the several British Colonies, the situation of the chief towns, and the course of the principal rivers.
7. Draw a map of Hindostan; and mark out the boundaries of the three Presidencies, the direction of the principal rivers, and the great mountain ranges.
8. Trace carefully, in words, or by drawing a map, the course of the Rhine, the Danube, the Shannon, the Mississippi; and name the towns on their banks, and important places near them.
9. You wish to go from Toronto to Auckland. Give a sketch of your route, naming important places through which you pass.
10. Describe the position of the following places, and say for what they are remarkable:—Pietermaritzburg, Aden, Honolulu, Sarawak, Dunbar, the Boyne, Rouen, Runnymede.