Delhi Public School
Srinagar

DETAILED PLANNER OF

GEOGRAPHY

CLASS –X

(August)

CLASSES REQUIRED	9 periods: 7 periods for presentation. 2 period for map work.
TOPIC	MINERAL RESOURCES
CONCEPT & SKILLS	1.Economic significance of minerals. 2.Types of minerals. 3.Indian position with respect to various mineral reserves. 4.Conservation of minerals. 5. Effects of overuse of mineral resources. 6.Skill: Map Skill (locating various mineral reserves of India)
LEARNING OUTCOMES	After a thorough discussion of the topics and concepts a student is expected to understand: 1.How are minerals important for economic development of a country? 2.What are various types of minerals? Why are they so classified? 3.Which minerals are abundantly found in India and in which minerals is India deficit? 4. Why is conservation of minerals desirable? How can it be achieved? 5.What are the consequences of over utilization of minerals? 6.How are various mineral reserves distributed over the country.
INSTRUCTIONAL TOOLS & REFERENCES	All class room instructional tools, samples of various minerals.
PEDAGOGY	Discussion Random Questions In text Questions Brain Storming Concept formation Concept mapping Reflective discussion
ACTIVITY / ASSIGNMENT / RESEARCH	1. Students will be asked to collect samples of various minerals used in day today life. 2. Prepare a chronological sheet(table) highlighting discovery of some important minerals in developmental stages of human civilizations and their impact on the human culture.
ASSESSMENT	1.Amount and quality of learning by children will be assessed through the interest of children expressed in completing their individual and group activities. Besides that, a pen paper test will also be conducted for assessment.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.Topics such as role of minerals in economic development, , types of minerals, conservation of minerals and mineral reserves of India shall be kept for formative assessment. 2. Types of minerals and distribution of minerals on map as an individual activity will also be repeated in Summative assessment.

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GEOGRAPHY

CLASS –X

(September)

CLASSES REQUIRED	12 periods: 8 periods for presentation. 2 period for map work. 2 periods for doubt clearance (revision)
TOPIC	ENERGY RESOURCES
CONCEPT & SKILLS	1.Types of energy resources. 2.Various sources of energy used in India. 3.Need for the conservation of energy resources. 4.Energy resources and the environment. 5.Skill: Map Skill (Distribution of coal, Nuclear Power plants in India)
LEARNING OUTCOMES	After a thorough discussion of the topics and concepts a student is expected to understand: 1. What are conventional and non conventional sources of energy? 2. What kind of energy resources are use in India? 3. Why conservation of energy minerals is important? How can it be achieved? 4. How is excessive use of conventional sources hazardous to our environment?
INSTRUCTIONAL TOOLS & REFERENCES	All class room instructional tools, samples of various minerals.
PEDAGOGY	Discussion Random Questions In text Questions Brain Storming Concept formation Concept mapping Reflective discussion
ACTIVITY / ASSIGNMENT / RESEARCH	1.Students will be asked to prepare a list of various sources of energy used in day today life on the spot. 2. Prepare a table mentioning at least five conventional sources of energy and a non conventional source against each which can replace it.
ASSESSMENT	1.Amount and quality of learning by children will be assessed through the interest of children expressed in completing their individual and group activities. Besides that, a pen paper test will also be conducted for assessment.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.Topics such as types of energy resources and energy resources and the environment shall be kept for formative assessment. 2. Sources of energy in India, conservation of energy resources and distribution of energy resources will be assessed in summative assessment.