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STUDY MATERIAL SCIENCE

CLASS-VII

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▸ Soil

Soil Teeming with Life

Soil contains air, water and countless living organisms like fungi, bacteria, insects (like ants and beetles), earthworms, rodents, moles and plant roots. Some organisms are too small that they cannot be seen by naked eyes (e.g. fungi and bacteria). An important soil organism is an earthworm, it is visible only in the rainy season. It increases the fertility of soil.

Soil Source	Plants	Animals	Any other observations
Garden soil	Grasses and roots	Ants, earthworms, termites and beetles	Concrete
Soil from roadside	Dry roots	Ants and termites	Concrete, plastic bags and glass particles
Soil from the area where construction is going on	No plants	Ants	Gravels, plastic articles, polythene bags, sand, etc

Soil from agricultural land	Grass roots and plant roots	Earthworms, milipedes, centipedes, fungi and bacteria	Concretes, glass materials and manure (cow dung)
Soil from river side	Dry grasses, hays and humus	Milipedes, centipedes, and lichens	Glass particles, concrete, plastic articles, and polythene bags