

FOSS Materials in Our World Module

Glossary

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above in a higher place; on top of (IG)

absorb to soak in (IG)

across to or on the opposite side (IG)

air a mixture of gases that we breathe (SRB)

around to move or place along the outside (IG)

basswood a lightweight, soft wood from a linden tree (IG)

bead a small rounded object with a hole through which thread can be passed; a piece of jewelry (IG)

below in a lower place; underneath (IG)

bend to curve (IG)

blot to dry or remove a liquid with an absorbent material, such as a paper towel (IG)

break to separate into pieces (IG)

bumpy having raised, rounded spots; lumpy (IG)

burlap a strong, coarsely woven cloth made of fibers of jute, flax, or hemp (IG)

cedar a soft wood from a cedar tree (IG)

change to make or become different (IG)

chipboard a thick, crude paper made from recycled cardboard (IG)

clean washed or polished; not dirty (IG)

cloth fabric or material formed by weaving or knitting (IG)

clothing garments made of fabric to cover oneself (IG)

communicate to explain or exchange thoughts and information, such as when writing or speaking (IG)

compare to look at how things are the same and different (SRB, IG)

construction paper a thicker paper that is many sizes and colors (IG)

conserve to use wisely (IG)

corduroy a durable fabric, usually made of cotton, with vertical ribs (IG)

corner the point at which the sides of an object, such as a box, meet (IG)

cornstarch a white powder made from corn that is used to thicken substances in cooking (IG)

corrugated cardboard cardboard made with a layer of stiff, grooved paper (IG)

crease to fold (IG)

denim a coarse twilled cloth, usually cotton, used for jeans, overalls, and work uniforms (IG)

detergent a soap used to clean clothes (IG)

different not the same (IG)

dirty not clean; soiled (IG)

dries up when something wet becomes free from moisture or liquid (IG)

drop a very small quantity of liquid (IG)

dropper a tool used to measure out drops of liquid (IG)

dry not wet; lacking moisture (IG)

evaporate when a liquid drives up, goes into the air as a gas, and can't be seen (IG)

fabric a flexible material used to make clothing. Fabric and cloth are the same. (SRB, IG)

facial tissue a soft, flexible type of paper used for blowing noses and wiping faces (IG)

fewer less than (IG)

fiber a thread-like substance or filament (IG)

flat level, smooth or even; not raised (IG)

fleece a soft fabric from the wool of a sheep or other similar animal used for making blankets and coats (IG)

flip to turn over (IG)

float to rest on top of or be suspended in a liquid (IG)

flour a soft powdery material made by grinding up wheat grains (IG)

fold to bend the sides of a material together (IG)

food something plants and animals need to live (SRB)

forest a natural area where trees grow (SRB)

freeze to change a liquid to a solid by cooling it (IG)

glue a substance used to stick things together (IG)

grain the pattern of fibers in wood; texture (IG)

graph a way to organize quantities mathematically (IG)

group several objects together (IG)

half one part of two equal parts (IG)

ice the solid state of water (IG)

jute a plant used to make burlap (SRB)

knit to make a fabric or garment by intertwining yarn or thread in a series of connected loops either by hand, with knitting needles, or on a machine (IG)

kraft paper a sturdy, brown paper used for wrapping packages (IG)

laminated glued together in layers (IG)

laminating the process of gluing together layers (IG)

land the solid surface of Earth (SRB)

layer a material that lies evenly over the top of or under a different material (IG)

least the smallest amount (IG)

less a small amount (IG)

liquid matter that flows freely and takes the shape of its container (IG)

luster how shiny or dull a rock is (SRB)

magnet an object that sticks to iron (IG)

material what something is made of (IG)

melt to change a solid to a liquid by heating it (IG)

mix to put together two or more materials (IG)

mixture two or more materials put together (IG)

mold to form, usually to a definite or pre-planned shape (IG)

more a large amount (IG)

most the largest amount (IG)

mud wet, soft soil or earth on the ground after it rains (IG)

natural resource something from Earth. Rocks, soil, air, and water are natural resources. (IG)

needle a small, slender implement used for sewing (IG)

newsprint a thin, lightweight paper used for printing newspapers (IG)

nubby having a rough surface (IG)

observe to use the senses (IG)

oil a liquid pumped from the ground. Oil is used by people to make nylon and many other things. (SRB)

over to go above (IG)

paper a flexible material made from wood (SRB, IG)

paper towel a soft, absorbent towel made from paper that can be thrown away or recycled after use (IG)

papier-mâché a material used for molding made from paper and glue (IG)

particleboard a wood product made of very small pieces of wood glued together (IG)

pattern a design; something used as a model for making things (IG)

pine a type of evergreen tree with needles and cones; the light durable wood from this tree (IG)

plywood a wood product made of thin sheets of wood glued and pressed together (IG)

property something you can observe about an object or material. Size, color, shape, texture, and smell are properties. (SRB, IG)

pulp a mush of sawdust and water used to make paper (SRB, IG)

recycle to use again (SRB, IG)

recycling the process of using materials again for the same or new purposes (IG)

reuse to use again; to recycle (IG)

ripstop nylon a heavy-duty synthetic fabric used for making tents and parachutes (IG)

rock a solid earth material (IG)

rolling to move by turning over and over (IG)

rough bumpy; not smooth (IG)

same alike; not different (IG)

sand a particle of rock that goes through all three screens but is larger than silt and clay (IG)

sandpaper a type of paper coated with sand particles used to rub other materials smooth (IG)

satın a smooth fabric, made of silk or rayon, woven with a glossy face and a dull back (IG)

sawdust the small bits made when a saw cuts wood (SRB, IG)

scientist a person who studies the natural world (SRB)

scratchy rough in texture (IG)

screen a tool with holes in it used to separate materials by size (IG)

sculpture a three-dimensional work of art (IG)

senses the abilities of sight, hearing, smell, taste, and touch (IG)

seersucker a light thin fabric, such as cotton or rayon, with a crinkled surface and a usually striped pattern (IG)

shape how round or flat an object is (SRB, IG)

shelter a safe place where people and animals live (SRB)

shavings thin curls of wood carved off of a larger piece of wood (IG)

shiny bright or polished (IG)

sink to go to the bottom of a body of water; to submerge (IG)

size how big or small something is (IG)

slick very smooth and slippery (IG)

slippery very smooth and slick (IG)

smooth flat, level; not rough (IG)

soak to place in a liquid; to get wet (IG)

soap a material used to clean objects (IG)

soft not hard or rough (IG)

soil a mix of sand, pebbles, and dead plants (SRB, IG)

solid matter that holds its own shape and always takes up the same amount of space (IG)

sparkle organza a glittery, sheer, stiff fabric of silk or synthetic material used for trimming, neckwear, or evening dresses (IG)

spread to flatten out or cover a surface (IG)

stain to change the color of (IG)

stiff not easily bent; rigid (IG)

strip a long, narrow, flat piece (IG)

strong tough, firm, solid or powerful (IG)

submerge to push or put under water (IG)

tagboard a strong cardboard used especially for making shipping tags (IG)

tear to rip apart (IG)

terry cloth a pile of fabric with uncut loops on both sides used to make bath towels and bath robes (IG)

test to check or try out (IG)

texture the way something feels (SRB, IG)

thick to have a greater distance from one side to another; not thin (IG)

thin to have a smaller distance from one side to another; not thick (IG)

thread fine cord of a fibrous material, such as cotton, used in needlework and weaving (IG)

tree a plant with a woody stem, roots, and branches with leaves (SRB, IG)

warp the threads that run vertical in a woven fabric (IG)

water the most common liquid on Earth. Water is found in oceans, lakes, and streams. (SRB)

waterlogged full of water (IG)

waterproof unaffected by water; inability to become wet (IG)

waxed paper a kind of paper coated with a waxy substance (IG)

weaving to make cloth by interlacing the threads of the weft and the warp on a loom (IG)

wet containing or covered with a liquid; not dry (IG)

wheat paste a mixture of flour and water used to glue materials together (IG)

wood a strong material in the trunks and branches of trees (SRB, IG)

woodworker a person who makes things with wood (IG)

woof the threads that run horizontal in a woven fabric (IG)

woven to make cloth by interlacing the threads of the weft and the warp on a loom (IG)