DURABLE SURFACE WALK

Can anyone can define durable?

Point out a durable surface and a nondurable surface near you. Or have a plastic container and slice of sandwich bread. Point out how if you push on a plastic container, nothing happens. If you push on a slice of sandwich bread, your fingerprint is left permanently there.

Practice once as a full group where everyone watches the leader go through the steps. Mix the surface cards up and then place them face up in a 4 x 4 grid. There should be 4 cards in each row. As you start, judge which of the four in the first column are durable and could be stepped on. Step on the one that is durable. From there you can move sideways, forward, or diagonal. Move only onto durable surfaces until you reach the other side.

- If all cards are durable, it does not matter which you step on.
- If all cards are not durable, the game ends and you shuffle the cards and lay them out again.

Break into groups of 3–4 each. Have a set of 16 Surface Cards for each group. Encourage them to work as a group and not give up if they reach all not durable cards. Just reshuffle and try again until they can reach the end. If need be, you can look at all the cards in the rows and manually move so each of the 4 rows have at least one option of durable.
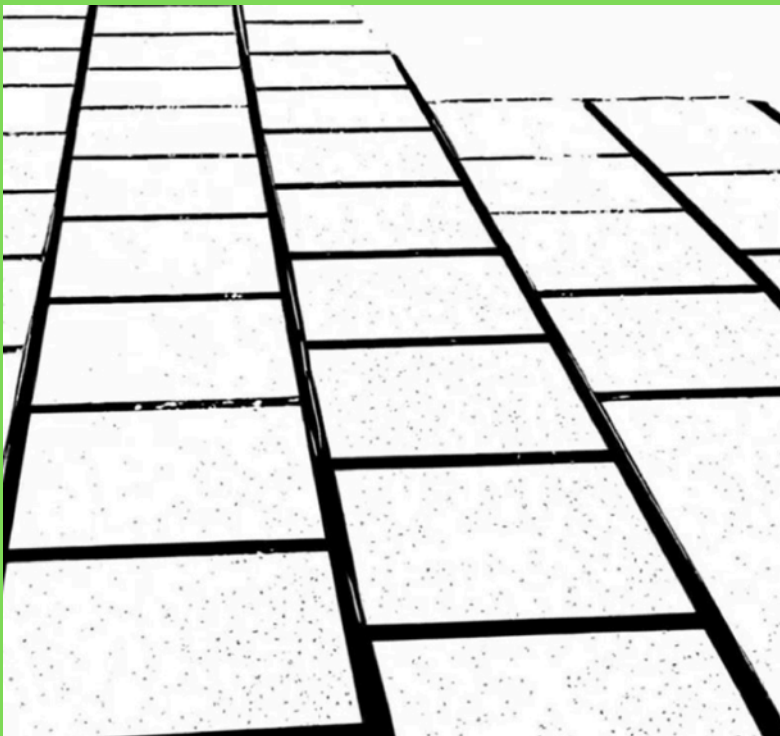
ANSWER KEY

Durable Surfaces

- Concrete
- Grass
- Gravel
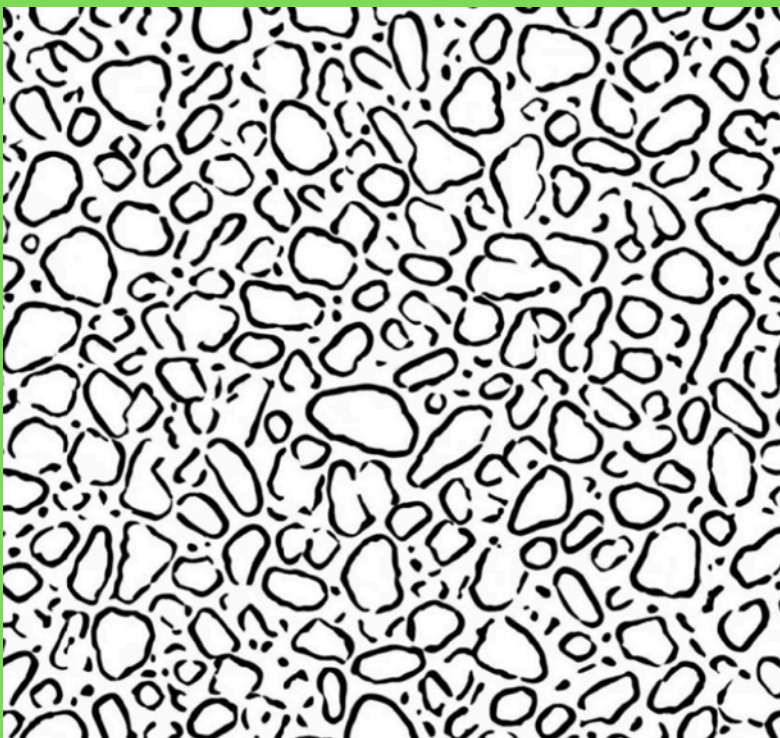- Mud
- Rock
- Sand
- Snow
- Trail

Non Durable Surfaces

- Alpine Tundra
- Cryptobiotic Soil
- Moss
- Peat Bog
- Riparian Zones
- Steep Slope
- Wetlands
- Wild Flowers

TBA TheBadgeArchive.com

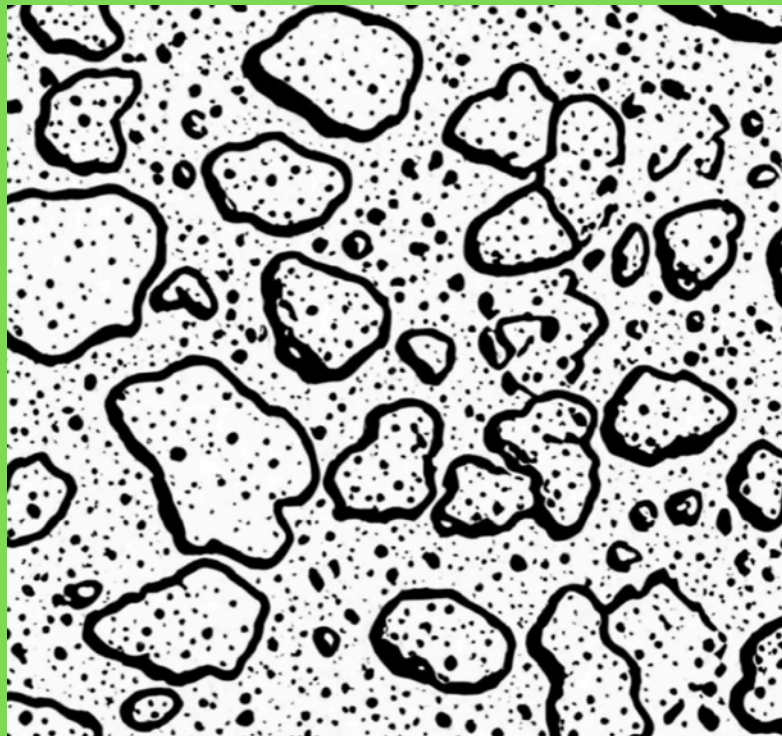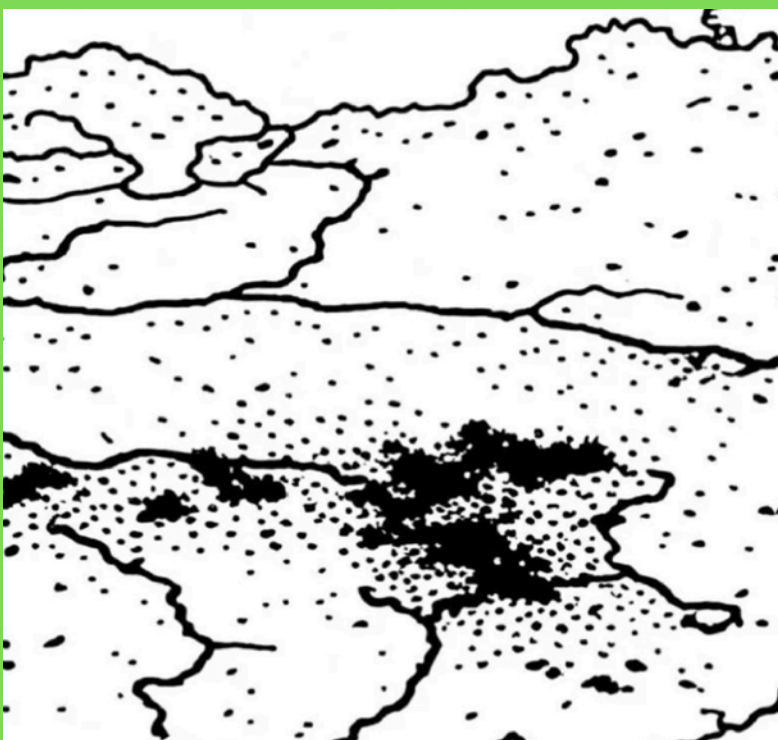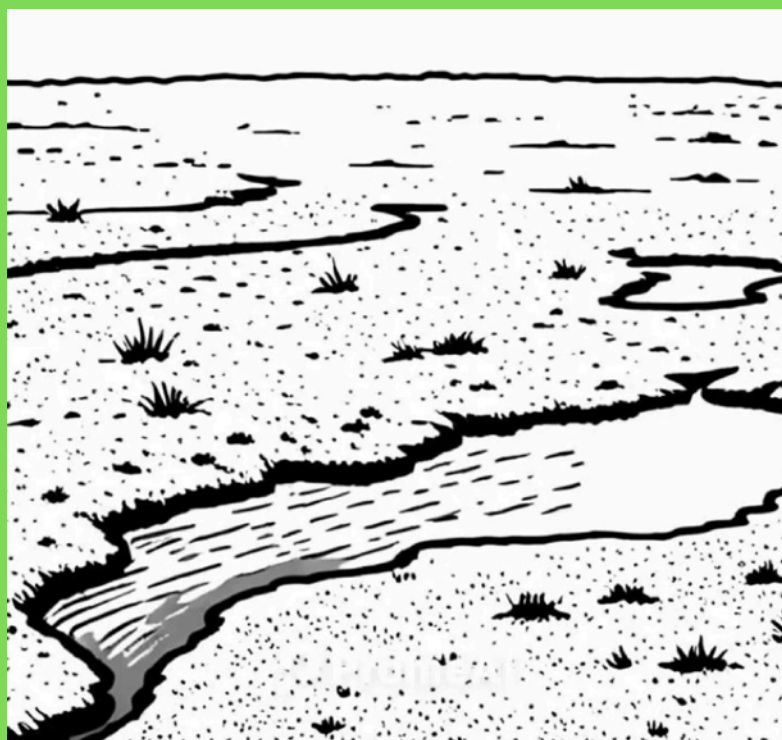Basic Lesson on Durable Surfaces – https://www.people.vcu.edu/~albest/Training/LNT_Quick.pdf

Adapted from Durable Surface Hopscotch – https://www.people.vcu.edu/~albest/Training/LNT_Quick.pdf

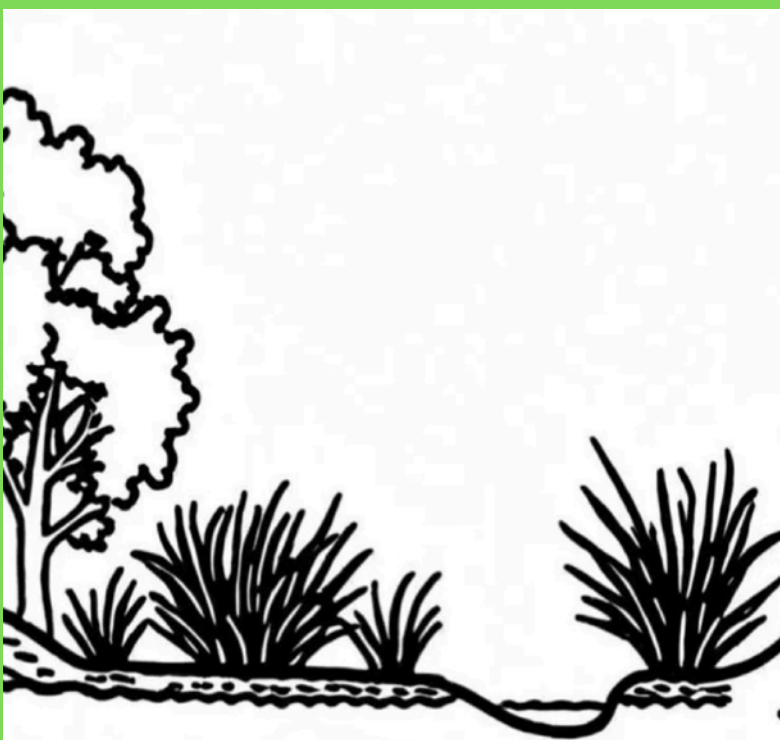CONCRETE

GRASS

GRAVEL

MUD

ROCK

SAND

SNOW

TRAIL

ALPINE TUNDRA

CRYPTOBIOTIC SOIL

MOSS

PEAT BOG

RIPARIAN ZONES

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