



AUBURN
DAY SCHOOL

alabama's first STEM preschool

#STEMstroll: Patterns In Nature

Day 1:

How about a quick pattern review! Look for increasing and decreasing patterns on your walk today. Examples may include: plant/flower placement in a flower bed, stairs in front of a house. Snap a picture of the pattern and share it with us on FB and Instagram @auburndayschool, #STEMstroll.

Day 2:

Branching Fractals Up High! On your #STEMstroll today, look up high for tree branches. Tree branches are examples of fractal patterns. When you return, use some sidewalk chalk and draw your own tree branch fractals. Upload photos of your tree branch fractals on FB and Instagram @auburndayschool #STEMstroll #fractals

Day 3:

Branching Fractals Down Low! On your #STEMstroll today, look down low for branching fractals. Ferns and the veins on leaves are examples of branching fractals. When you return from your stroll, use some sidewalk chalk and draw some examples of the down low fractals you noticed. Upload photos of your down low fractals on FB and Instagram @auburndayschool #STEMstroll #fractals

Day 4:

Spiral Patterns! Search for spiral patterns on your stroll today. Some grasses and ferns grow in a spiral pattern. Look for the walking stick weeds and notice the spirals that grab hold of other plants. When you return, draw a large spiral pattern on your sidewalk and try to walk on it without getting dizzy!

Day 5:

Searching For Symmetry! Symmetry is when you can fold something down the middle and it looks the same on both sides. Some examples are leaves, flowers, animals, and insects. Search for symmetry on your stroll and snap a picture of an example! Upload photos of your symmetry examples on FB and Instagram @auburndayschool #STEMstroll #symmetry.

