

Weather Phenomena Terminology

Ball lightning — Belt of Venus — Blood moon
Catatumbo lightning — Dust devil — Fallstreak hole
Fire rainbow — Fire whirl
Frostwork — Giant hailstones

Ball lightning	rare lightning that appears in the form of a ball that floats or moves along a solid object
Belt of Venus	slightly pinkish band just above a cloudless horizon caused by light from the rising or setting sun reflecting off the atmosphere
Blood moon	moon's red appearance during a total lunar eclipse caused by the reflection of the red edge of the earth's shadow
Catatumbo lightning	extremely high concentration of lightning in Venezuela over a period of about 300 nights each year
Dust devil	spinning column of air, sand, and dust that often occurs in hot deserts when an overheated layer of air close to the ground rises
Fallstreak hole	large gap in a cloud formed when water droplets freeze and fall, leaving a hole which widens as other droplets freeze and fall
Fire rainbow	rare rainbow-like band formed when rays of light pass vertically through ice crystals in a certain alignment
Fire whirl	fire tornado; occurs in fires when strong, dry air moves through at just the right angle to spin flames and debris
Frostwork	patterns made by moisture as it freezes on a surface (like a windowpane) that is warm and moist on the opposite side
Giant hailstones	pieces of ice that have frozen at changing rates, allowing them to grow more than 6 in. (15 cm) in diameter

Weather Phenomena Terminology

Green flash — Katabatic wind — Lenticular clouds

Mammatus cloud — Midnight sun

Moonbow — Morning Glory clouds

Noctilucent cloud — Pyrocumulus cloud — Sea smoke

Green flash	small amount of green light that quickly appears and disappears at sunrise or sunset because of light refracting in the atmosphere
Katabatic wind	wind that blows down a slope when the air is calm, especially at night, due to gravity and changes in pressure
Lenticular clouds	clouds in the shape of a lens or saucer; usually spotted in mountainous areas
Mammatus cloud	cloud with pouches hanging below the main cloud, often caused by irregular currents in the cloud
Midnight sun	time when the sun can be seen all day long, twenty-four hours a day, at the polar regions
Moonbow	a type of rainbow made by light from the moon instead of the sun; lunar rainbow
Morning Glory clouds	clouds in a narrow tube shape that can be hundreds of miles long
Noctilucent cloud	high altitude clouds appearing silvery or bluish from ice crystals and dust reflecting light
Pyrocumulus cloud	cloud, sometimes mushroom-shaped, that forms over an intense heat source if enough moisture is present
Sea smoke	a type of fog formed when warm air rises off water to meet air with temperatures below freezing above it

Weather Phenomena Terminology

Snow roller — St. Elmo's fire — Sundogs
Sun halo — Sun pillar — Supercell — Virga
Volcanic lightning — Waterspout — White rainbow

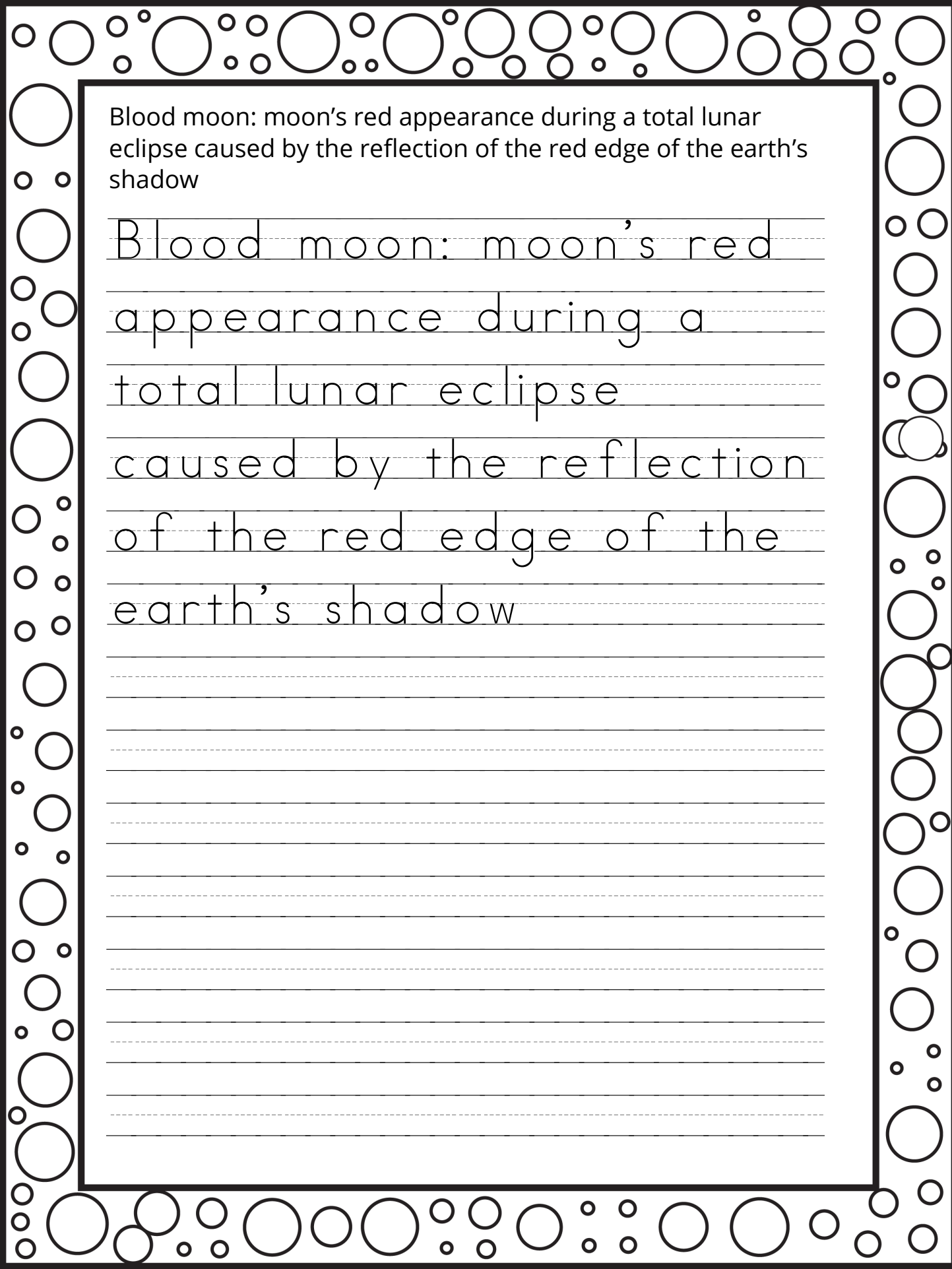
Snow roller	under perfect conditions, when a clump of snow rolls down a hill and leaves a hole in the center, making a doughnut shape
St. Elmo's fire	a discharge of electricity in the atmosphere that can sometimes be seen as a faint light near points of objects or buildings
Sundogs	bright spots of light that look like other suns near the sun, seen when light rays are aligned in a specific way
Sun halo	ring of light rays refracted by ice crystals that seems to circle the sun
Sun pillar	a straight shaft of light extending above the sun usually at sunrise or sunset, formed by ice crystals reflecting the light
Supercell	single-cell, strong thunderstorm that causes large hail, strong winds, and very damaging tornadoes
Virga	streaks seen as rain or snow that fall from clouds and evaporate before they hit the earth
Volcanic lightning	lightning that takes place inside the ash cloud of an erupting volcano
Waterspout	when spinning wind forms over water and reaches to its surface, pulling water up into the base of the column
White rainbow	rainbow seen in fog where the tiny size of water drops does not cause light to show the various colors as easily

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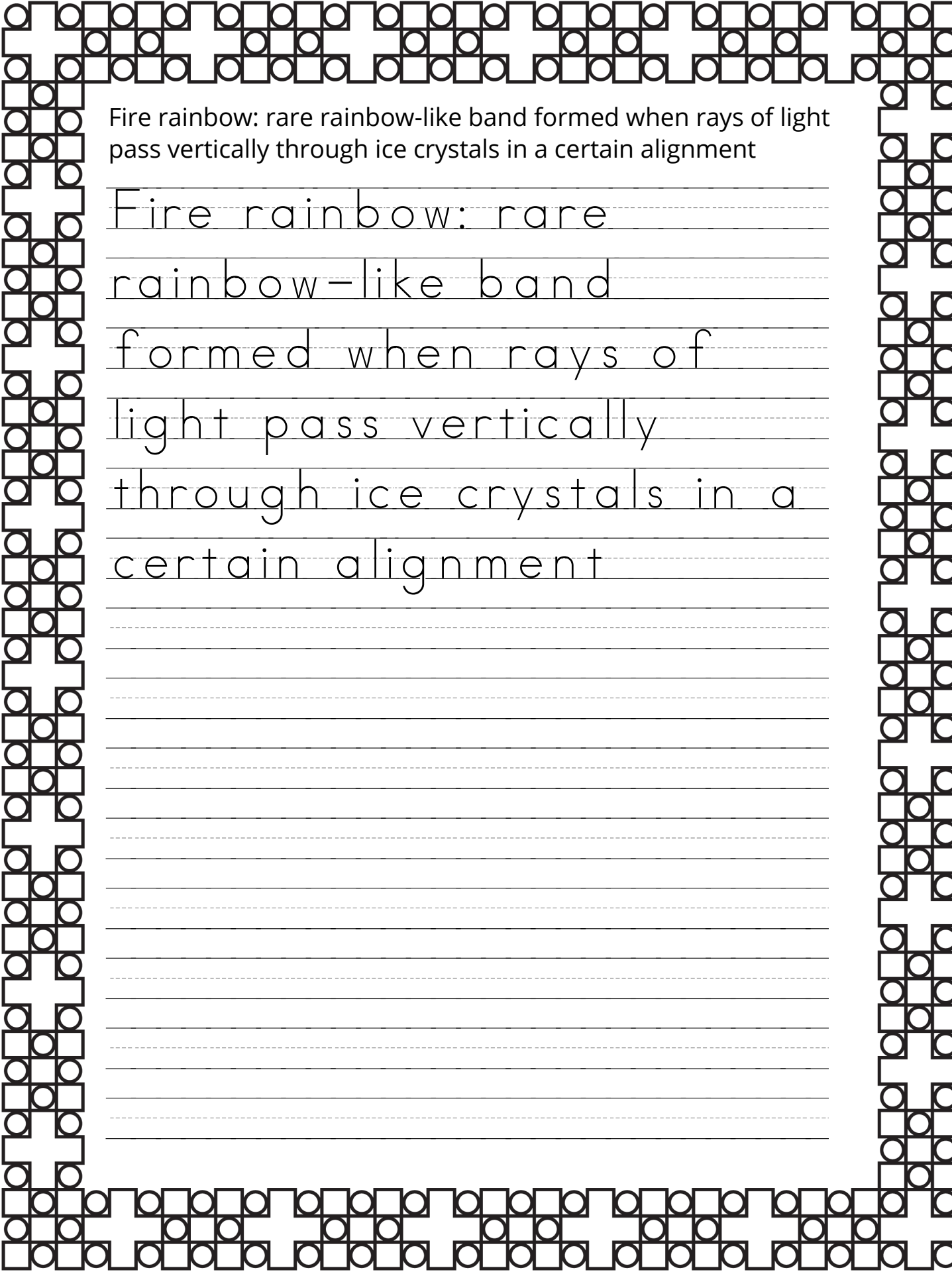
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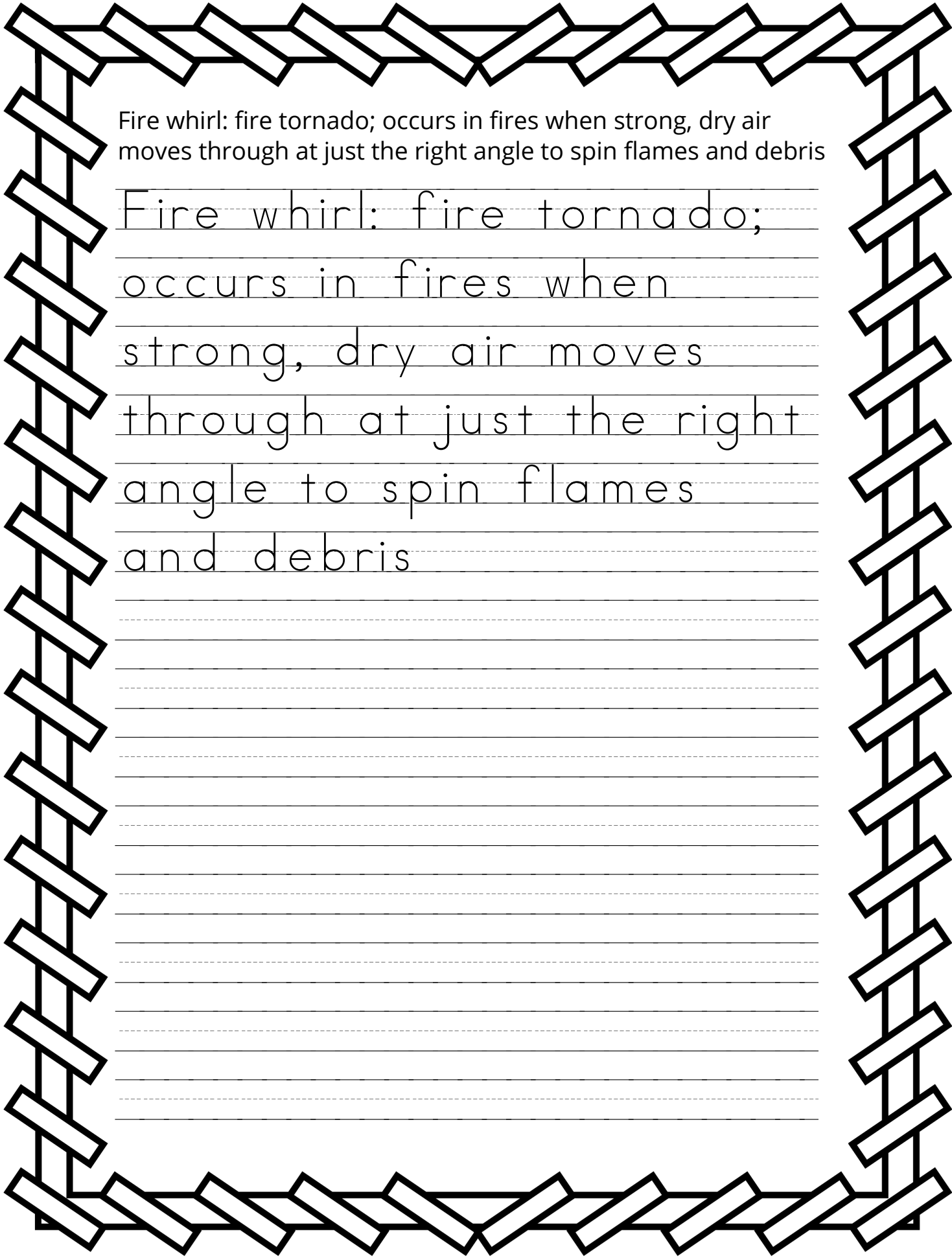
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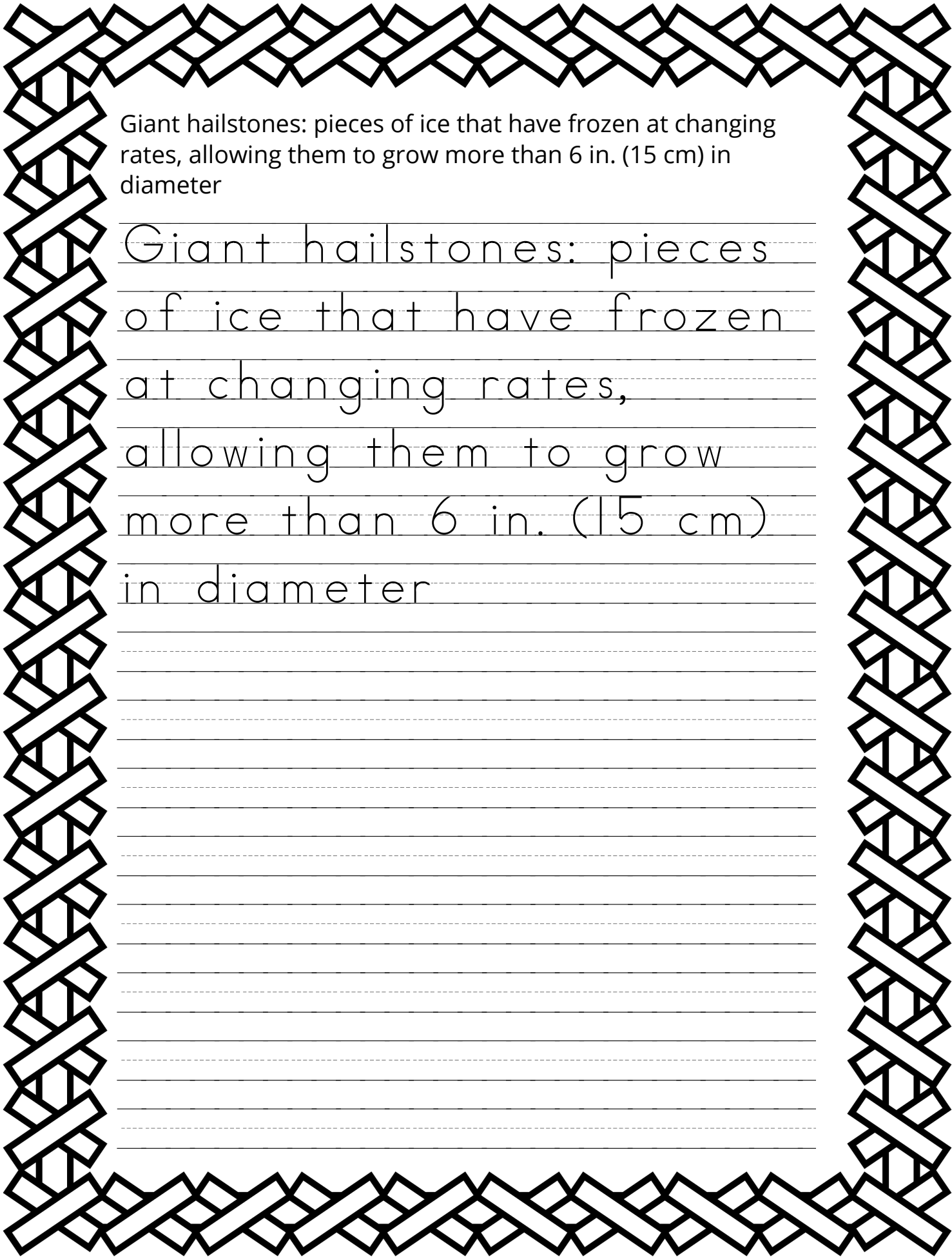


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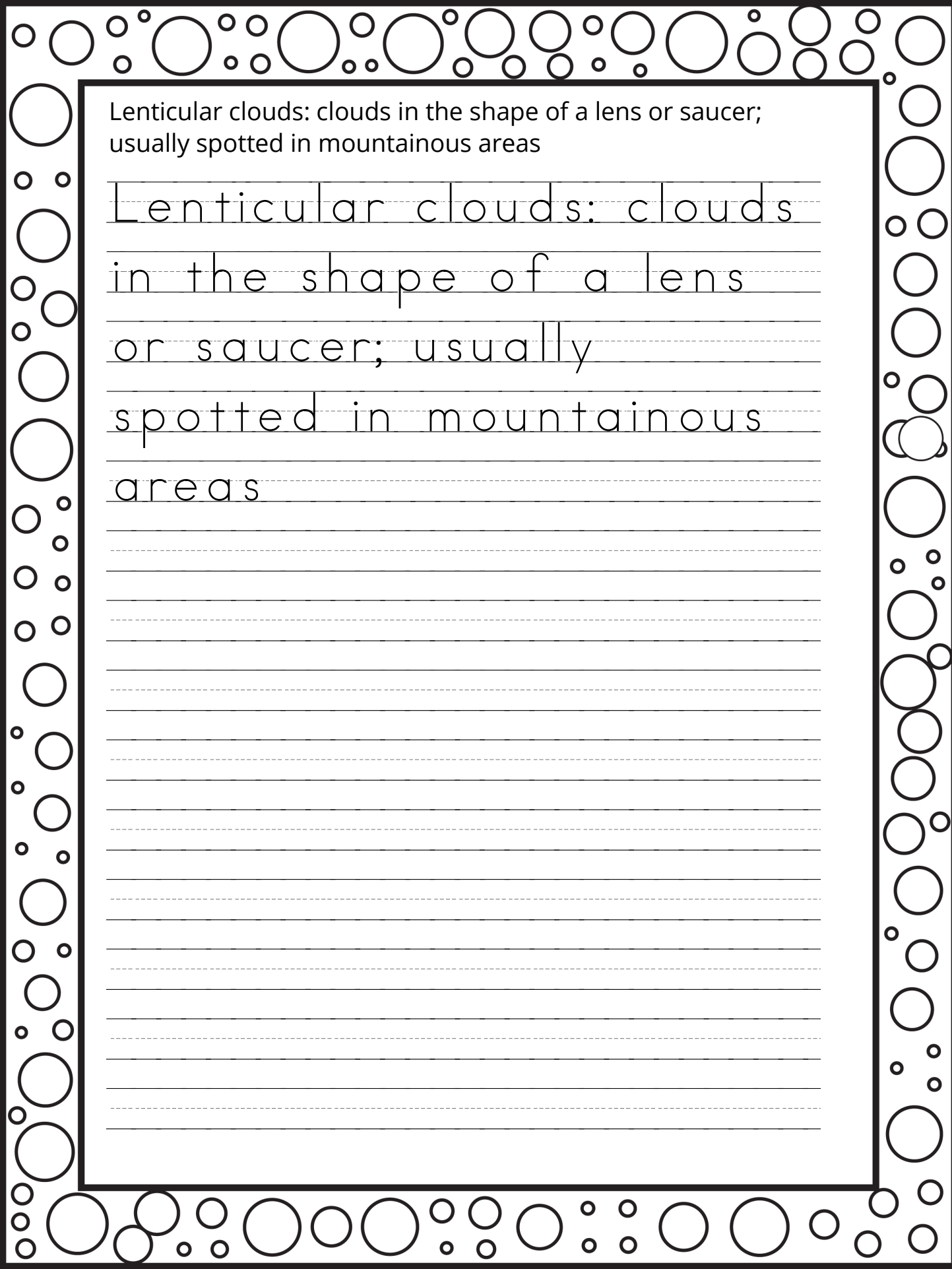
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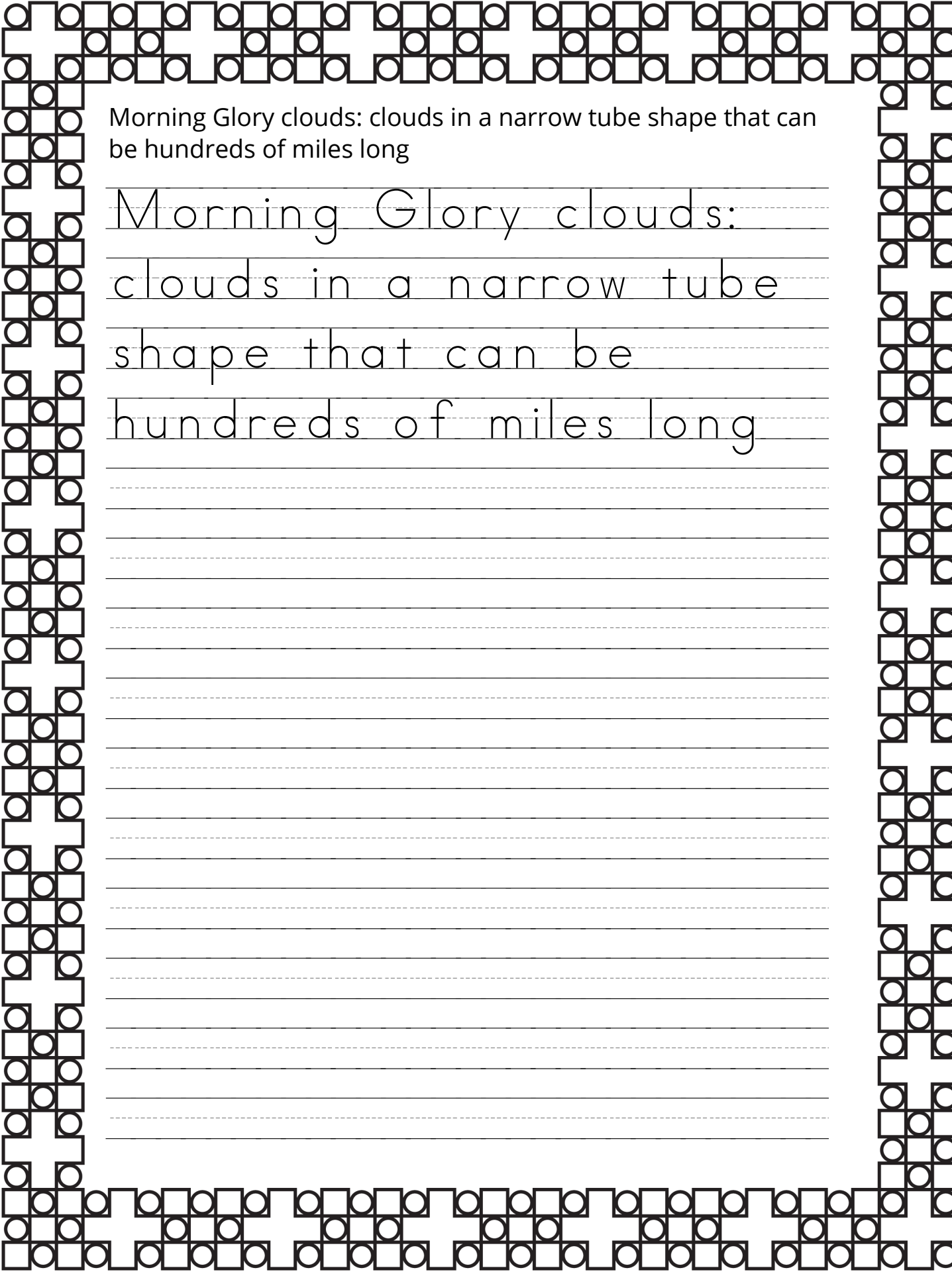
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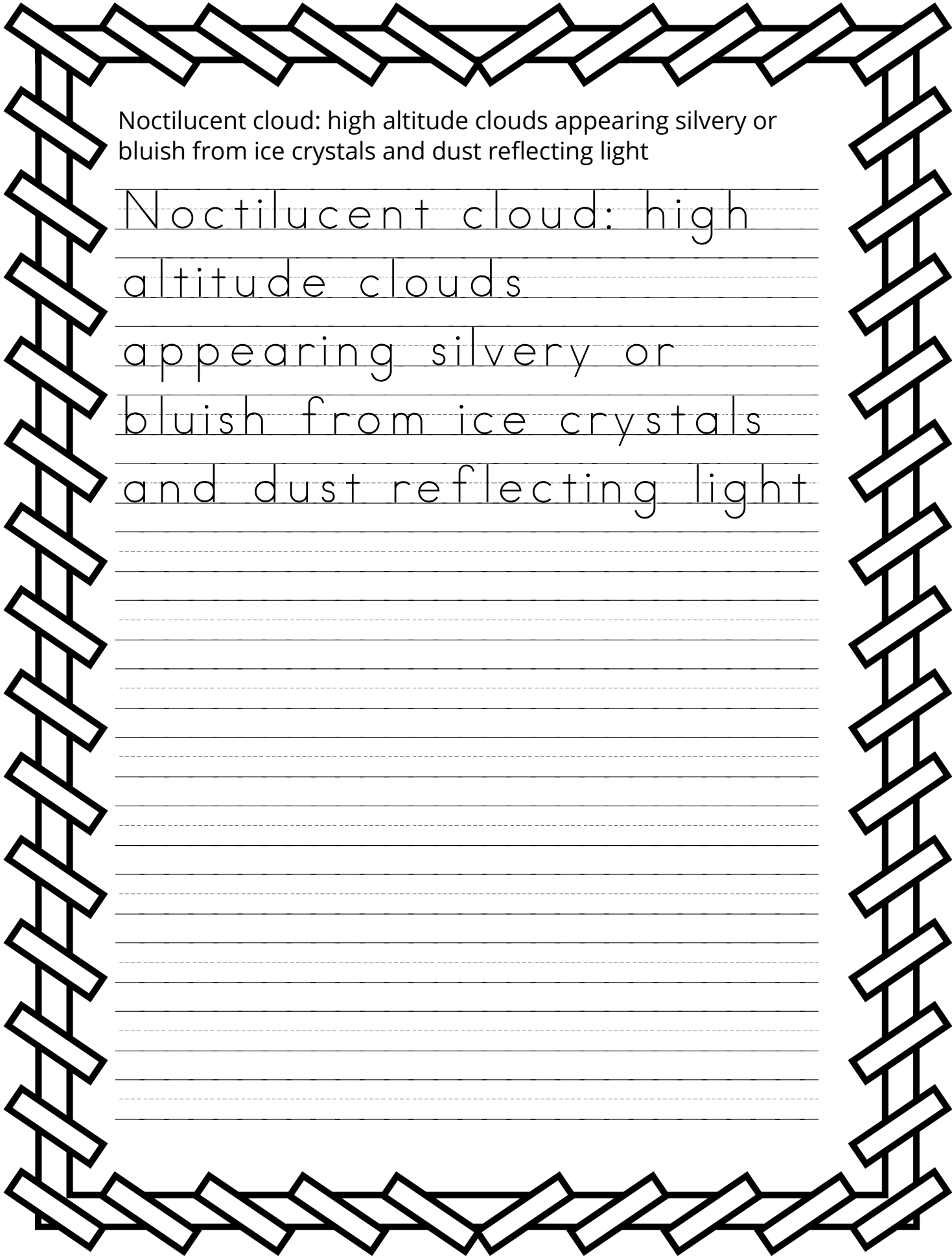
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Below the tracing text, there are ten sets of empty handwriting lines for practice. Each set consists of a solid top line, a dashed middle line, and a solid bottom line.

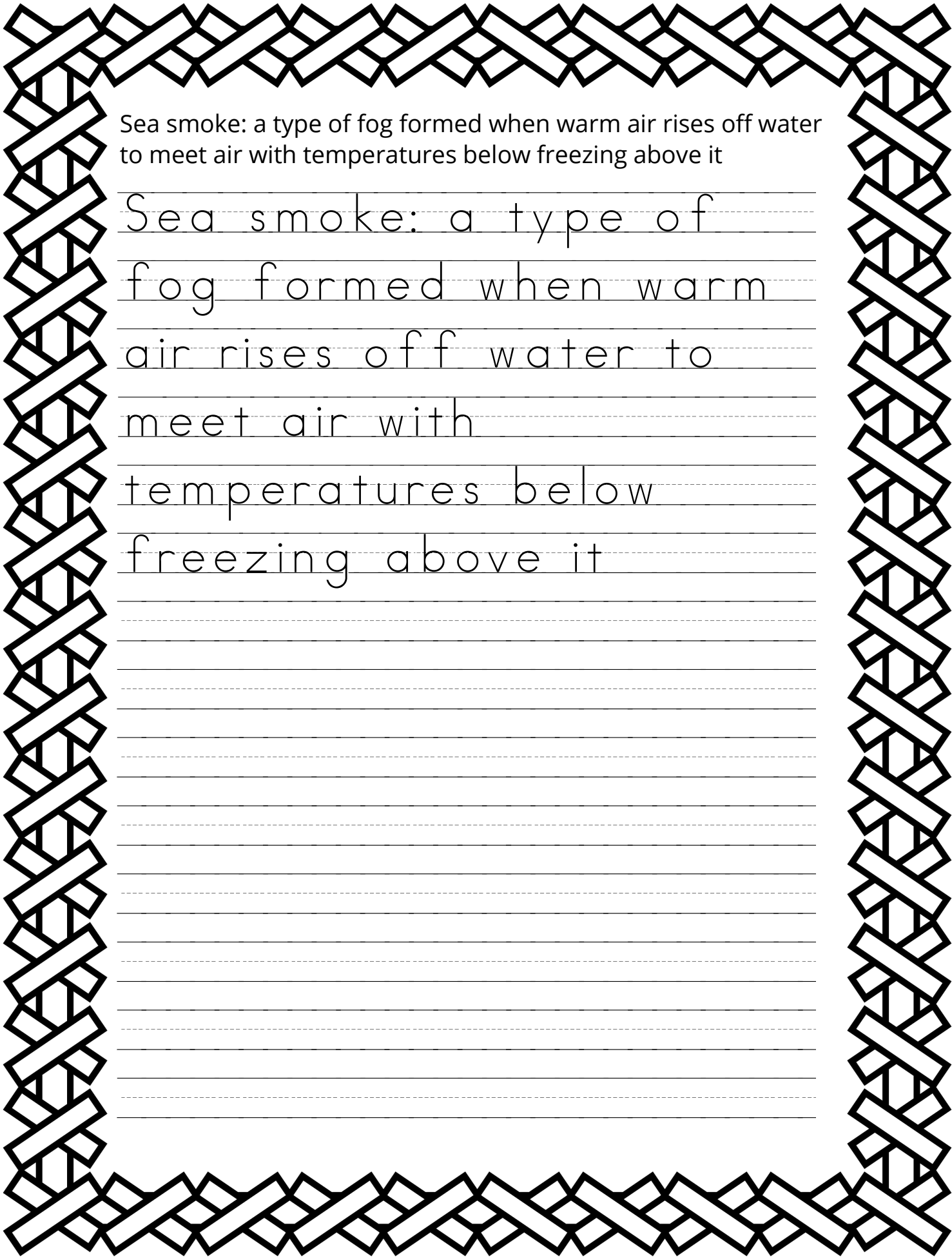


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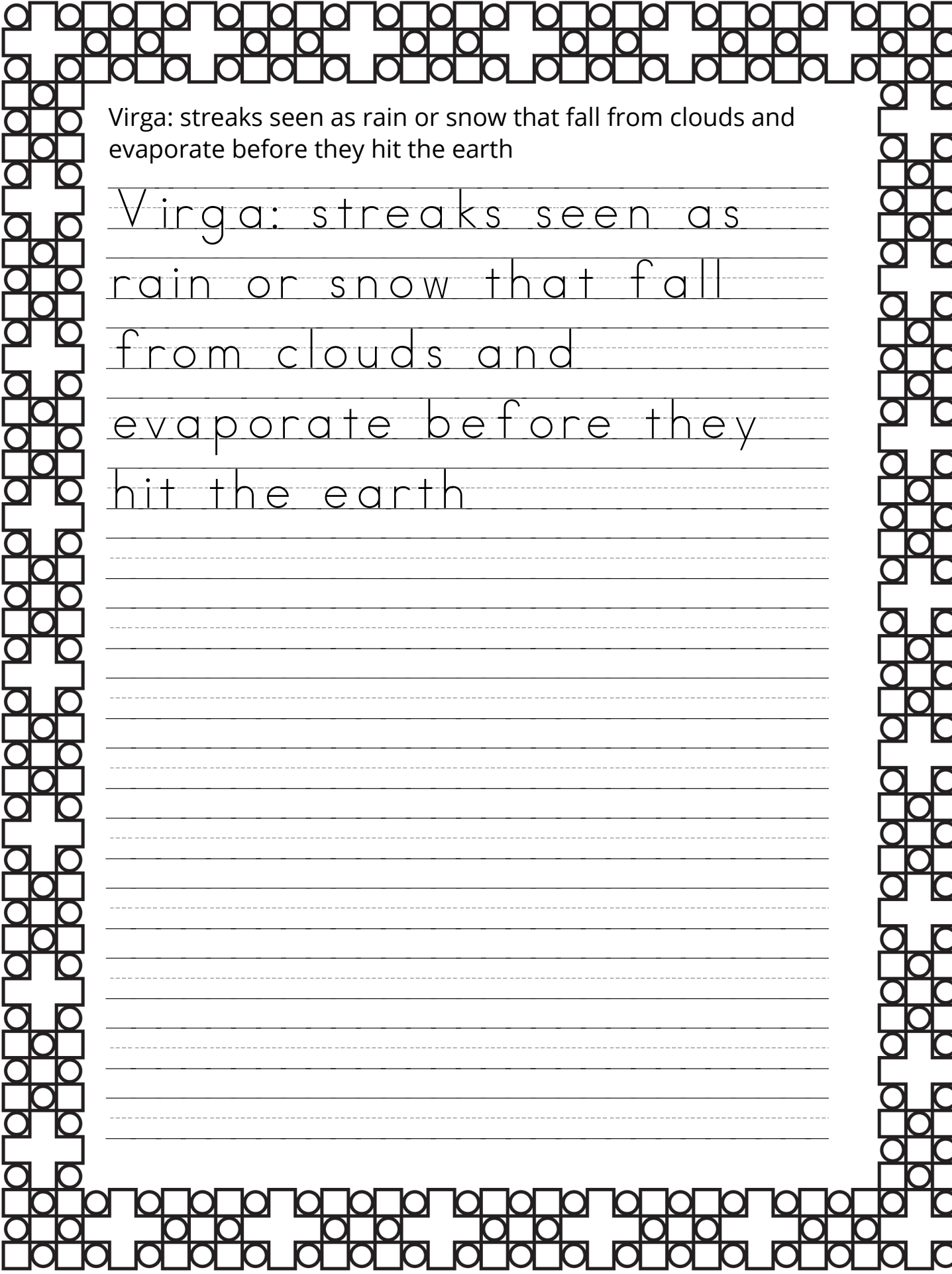
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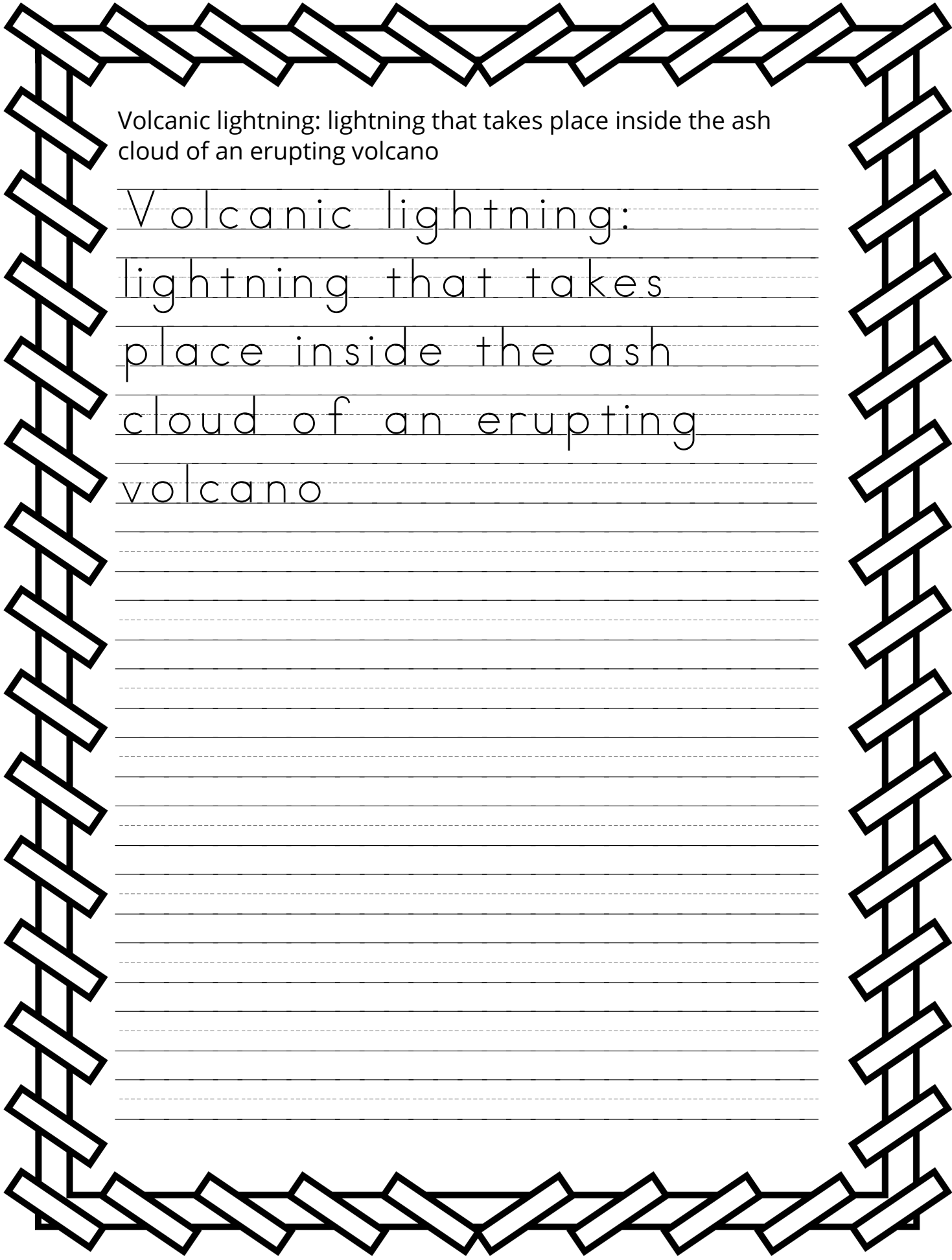
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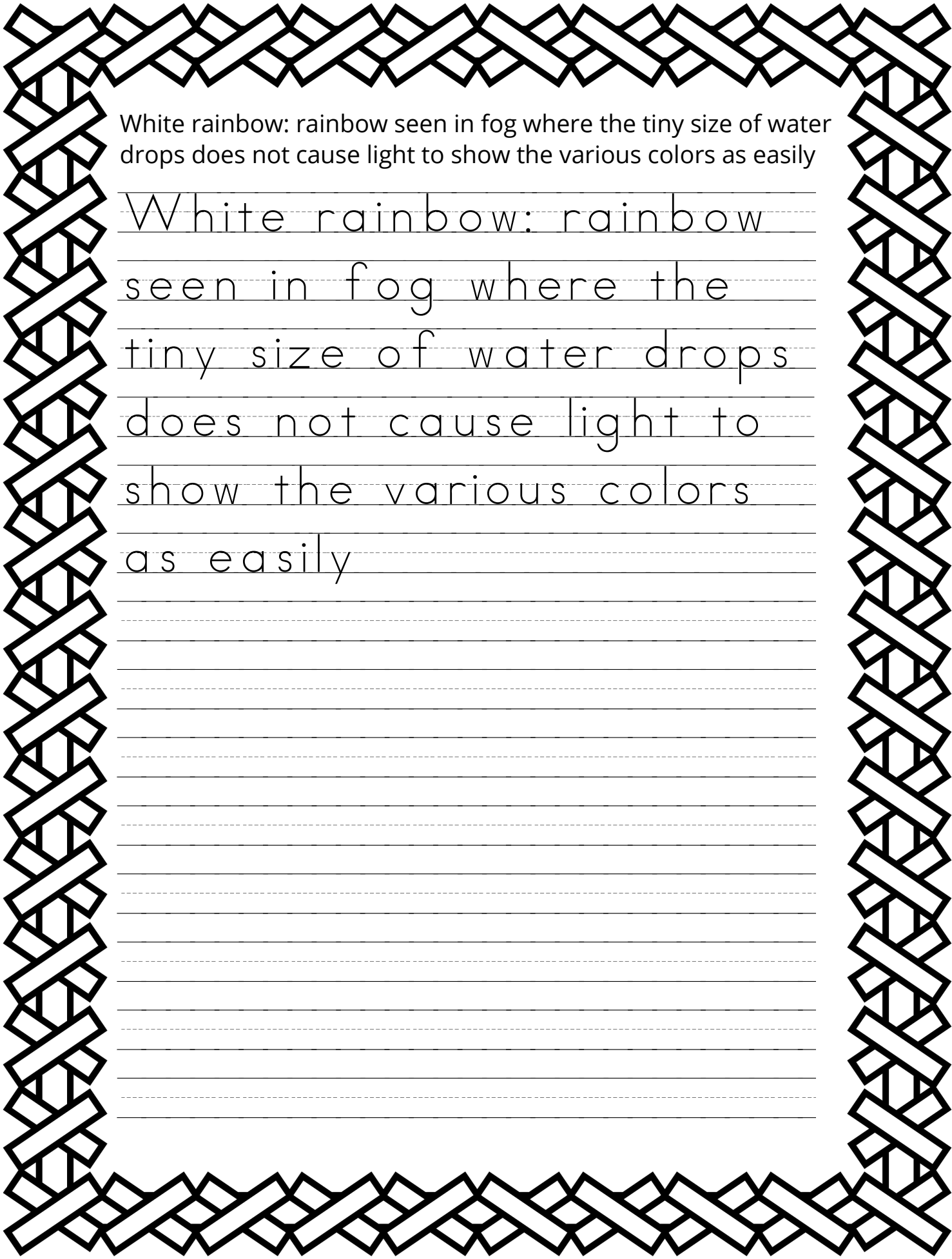


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