



World Meteorology Day

Monday 23rd March 2026

"Observing today, protecting tomorrow"



Activity Type : Science, creativity, and observation

Activity: Make Your Own Cloud Finder & Cloud Spotting (Cumulus, Stratus & Cirrus)

Using the cloud print out (supplied), trace around it onto cardboard, cut the cloud out (see pic).
Students can decorate the cardboard.

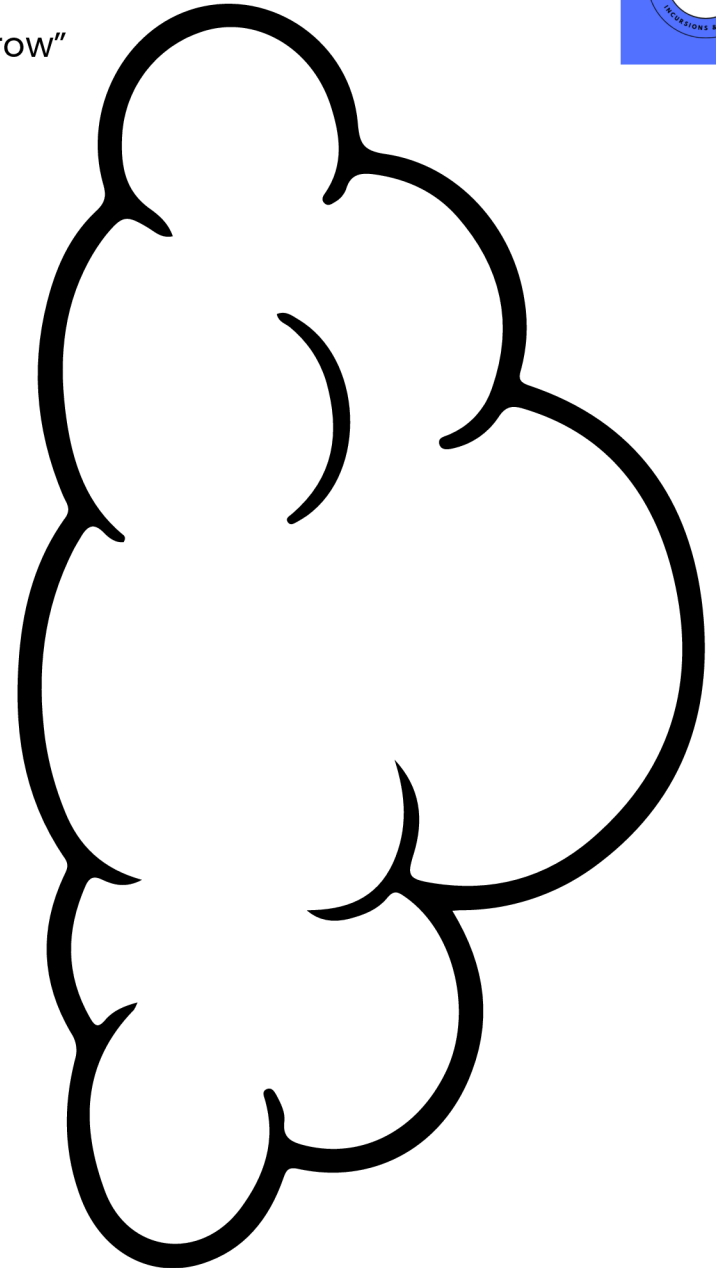
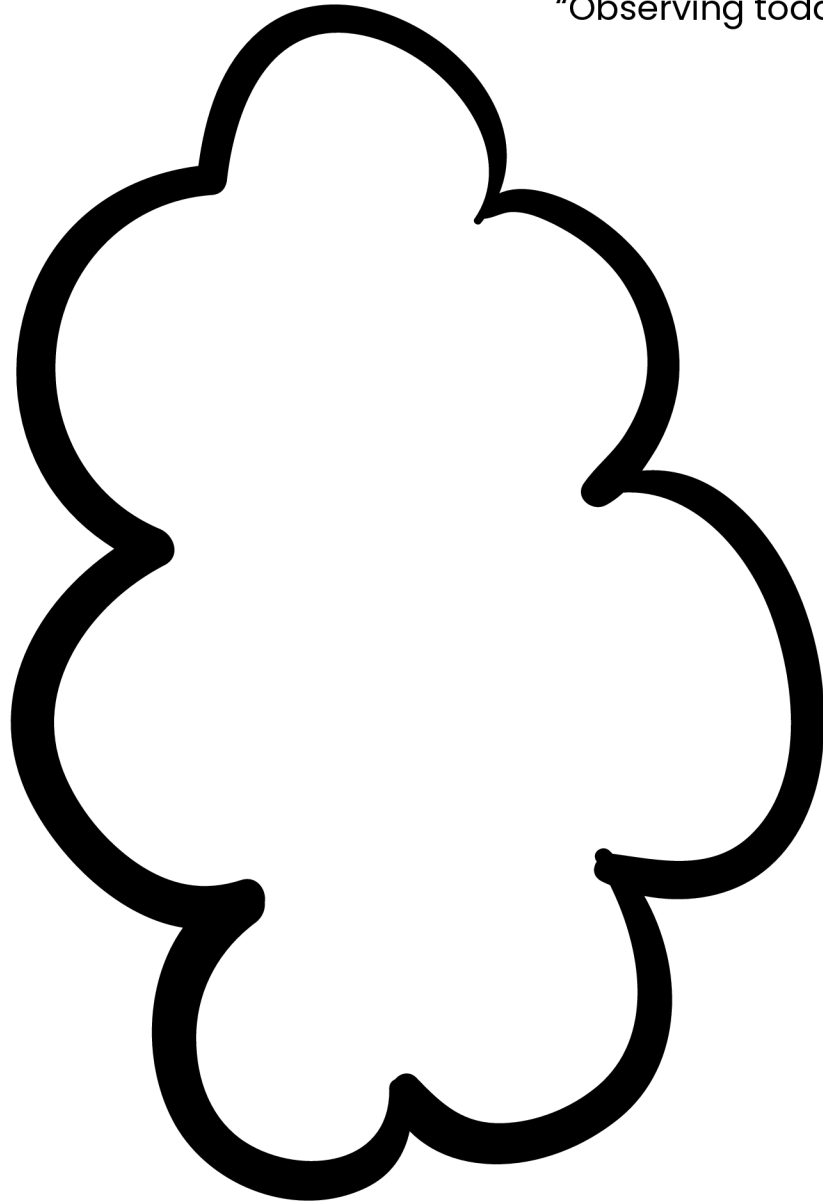




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Activity: Make Your Own Cloud Finder & Cloud Spotting (Cumulus, Stratus & Cirrus)

Using the chart below, students can use their cardboard cloud finder to see if they can find any of the clouds types.

CUMULUS



- fluffy, white clouds
- look like cotton balls
- found on days of good weather
- can appear low in the sky
- name means "heap" in Latin

STRATUS



- cloud that look like a blanket
- produce light mist or drizzle
- light grey in colour
- can appear low in the sky
- name means "covering" in Latin

CIRRUS



- white and feathery
- highest clouds in the sky
- found in good weather
- Name means "curl" in Latin



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Activity: Make Your Own Cloud Finder & Cloud Spotting (Cumulus, Stratus & Cirrus)

Learning Intentions

- Children will develop an understanding of basic weather patterns and cloud types.
- Children will build observational skills by identifying features in the natural environment.
- Children will engage in creative construction by designing and assembling a cloud finder tool.
- Children will strengthen focus, curiosity, and inquiry through real-world exploration.

MTOP Learning Outcomes

Outcome 2: Children are connected with and contribute to their world

- Children develop an appreciation for the natural environment by observing and identifying cloud formations.
- They begin to understand how weather is part of their everyday lives and impacts the world around them.

Outcome 3: Children have a strong sense of wellbeing

- Children engage in outdoor exploration, promoting physical movement and mindfulness.
- They develop confidence and persistence while using their self-made tool to identify clouds.

Outcome 4: Children are confident and involved learners

- Children use inquiry-based learning to investigate and compare different cloud types (Cumulus, Stratus, Cirrus).
- They develop problem-solving and critical thinking skills as they match real clouds to visual references.
- Children transfer knowledge from the chart to real-life observation.

Outcome 5: Children are effective communicators

- Children use descriptive language to discuss cloud shapes, sizes, and differences.
- They share observations and ideas with peers, building communication and collaboration skills.

Reflection

- Were children able to identify and differentiate between the three cloud types?
- How did children use their cloud finder tool—did it support engagement and curiosity?
- Did children demonstrate interest in discussing weather or asking questions?
- Which elements of the activity (making vs observing) were most engaging?
- How could this experience be extended (e.g. weather journaling, drawing clouds, linking to rain cycles)?