Rainbows



Heather Hammonds

PM writing

Information Report & Procedure

Rainbows

Level 25 Emerald

Key Learning Area **Science**

Theme **Why rainbows form/how to make a rainbow**

Title **Rainbows**

Text Type *Information Report*

Pages **2–9**

Text Form **Reference**

Genre **Non-fiction**

Purpose **To present information that classifies living or non-living things**

Text Structure

General Statement: Identifies and classifies the subject *(Pages 2–3)*.

Description: Provides information about the subject's physical appearance and other characteristics *(Pages 4–7)*.

Evaluation: Provides a summary statement about the subject *(Pages 8–9)*.

Language Features

- Nouns *(e.g. rainstorms, angles)*
- Pronouns *(e.g. They)*
- Adjectives *(e.g. different, seven)*
- Present tense verbs *(e.g. are, shines, forms)*
- Adverbs *(e.g. often, together)*
- Adverbial phrases *(e.g. through tiny drops of water)*

Title **Make a Rainbow**

Text Type *Procedure*

Pages **10–16**

Text Form **Experiment**

Genre **Non-fiction**

Purpose **To provide instructions about how to make or do something**

Text Structure

Goal: Outlines what is to be achieved *(Page 10)*.

Materials: Specifies the materials needed to achieve the goal *(Page 10)*.

Steps: Lists the steps in order of sequence *(Pages 11–13)*.

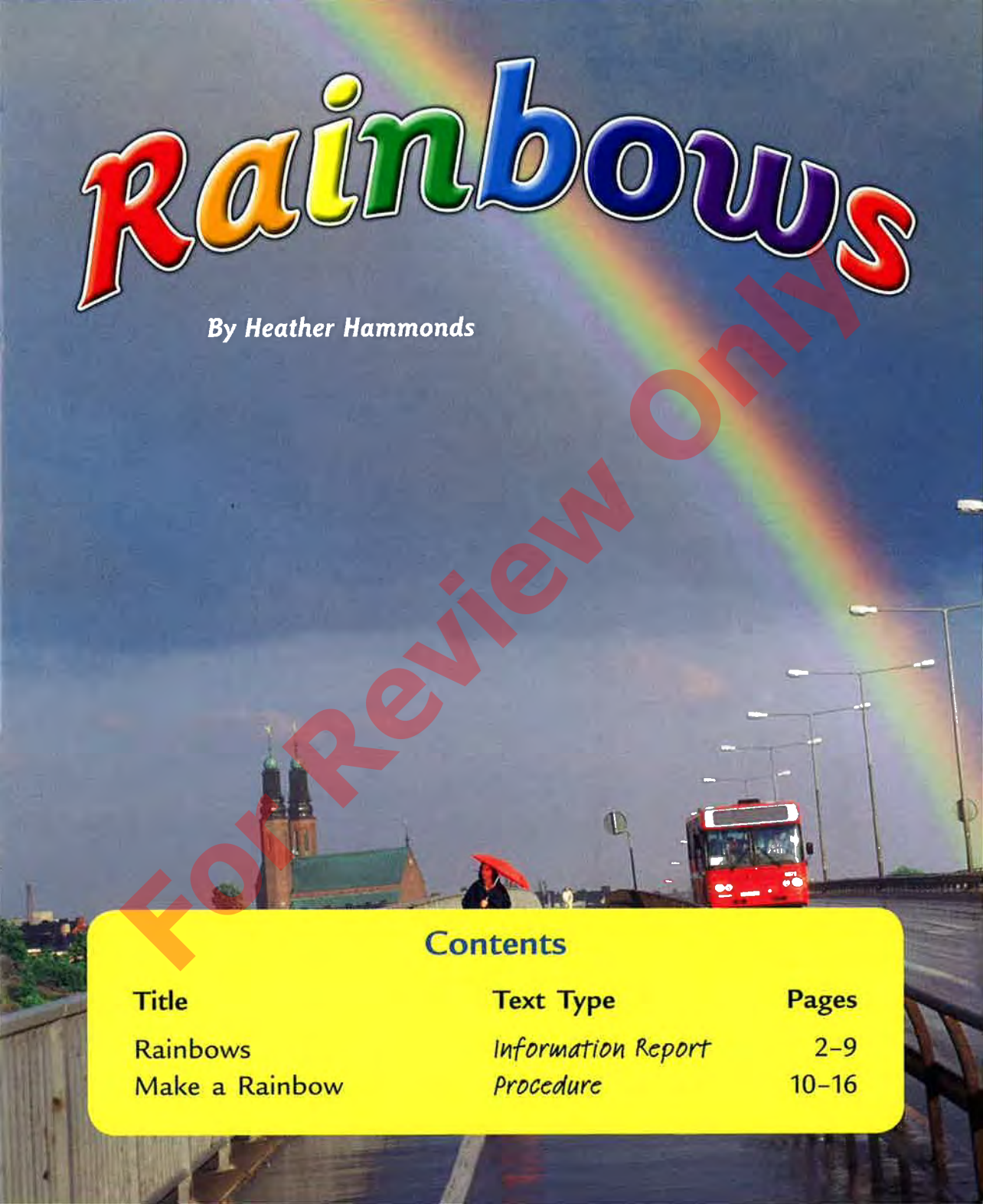
Observations (optional): Describes the outcome *(Page 14)*.

Conclusion (optional): Confirms the goal *(Page 16)*.

Language Features

- Nouns *(e.g. permission, spray, shadow)*
- Pronouns *(e.g. you)*
- Adjectives *(e.g. trigger, shady)*
- Present tense verbs *(e.g. attach, spray, proves)*
- Adverbs *(e.g. away)*
- Adverbial phrases *(e.g. in a fine spray)*

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Rainbows

Rainbows are bands of colour that form when light passes through tiny drops of water.



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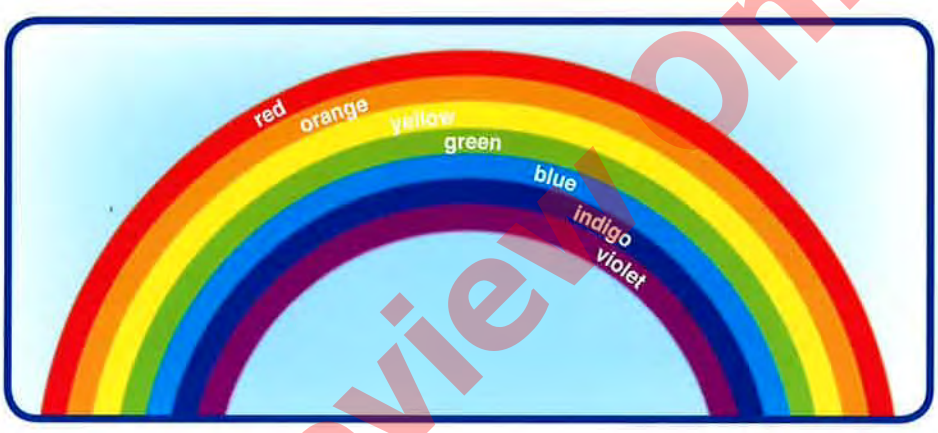


Rainbows are often seen in the sky after rainstorms. When the Sun comes out, sunlight shines through raindrops in the sky and this forms a rainbow.

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Rainbows are made up of seven colours that always appear in the same order. They are:

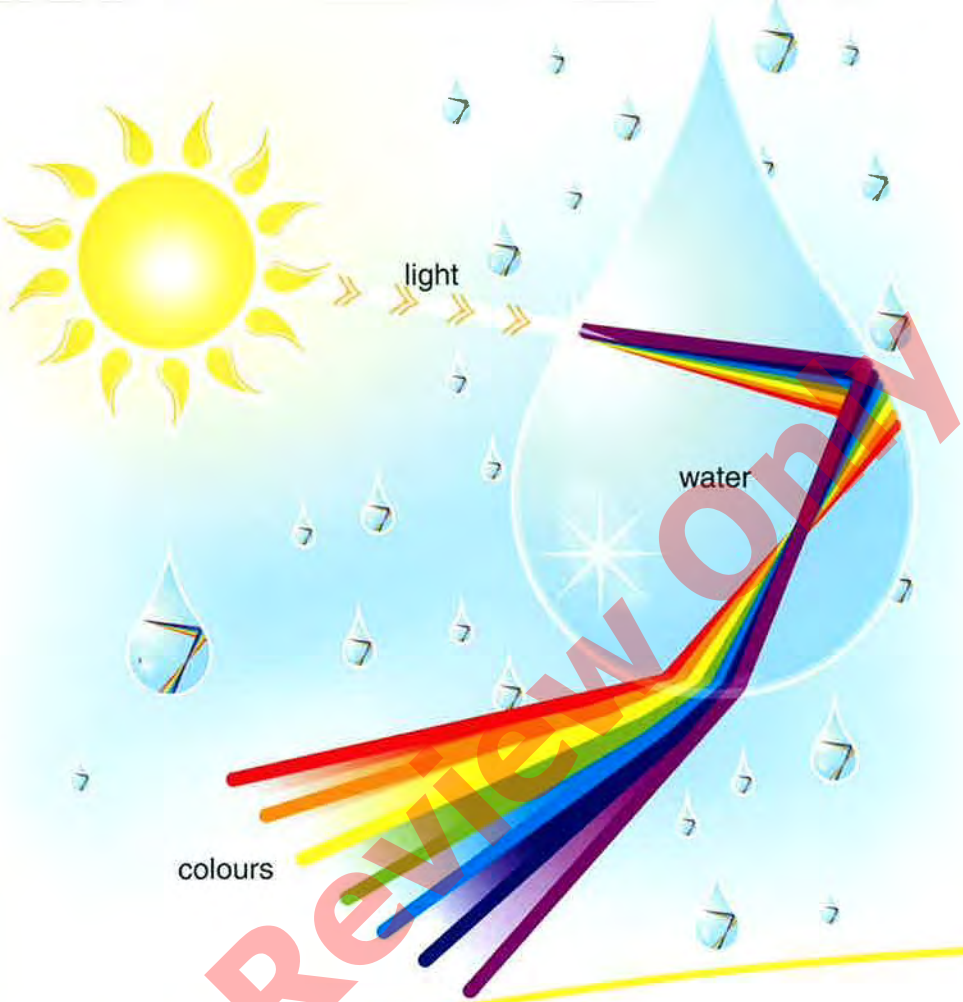
- red
- orange
- yellow
- green
- blue
- indigo
- violet



Sometimes two rainbows are seen in the sky together. When this happens, the order of colours in the second rainbow is reversed.



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The different colours in a rainbow form because light enters a drop of water and then bounces back out at different angles. When the light bounces back out of the curved raindrop, different colours can be seen.

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Rainbows also form in other places where there are droplets of water and sunlight.



They can be seen in the spray over waterfalls and sprinklers, and over the sea when there is spray in the air.



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A special type of rainbow, called a moonbow, can be seen at night. The Moon has to be very bright and it needs to be raining for a moonbow to occur. Moonlight shines through drops of water in the sky.