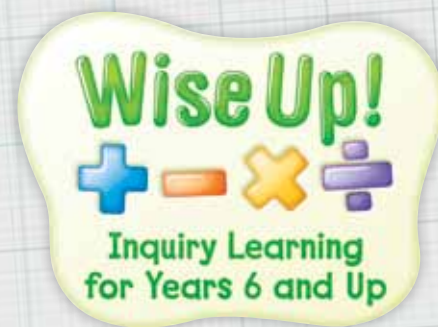


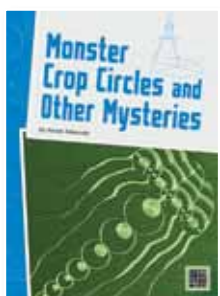
# Monster Crop Circles and Other Mysteries

Literacy Level 29 • Maths Level 4 • Geometry and Measurement



## Inquire to Learn!

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There are many ways in which *Monster Crop Circles and Other Mysteries* can be used as a base for Inquiry Learning. This is just one suggestion.

**Session 1:** Using the Big Book, share-read *Monster Crop Circles and Other Mysteries*, stopping at natural points for discussion. Draw on the students' prior knowledge of crop circles.

**Session 2:** Using the Big Book, work through the Literacy Focus questions. Guide the students towards achieving the literacy learning outcomes.

### Literacy Focus:

1. **Vocabulary:** Ask: Do you know what *clockwise* means? (Page 5) How do you know? [Answers will vary, but may include reference to diagram. If students haven't already put forward reason, could suggest origin of word.]
2. **Text Type and Visual Literacy:** Turn to pages 2–3 and 12. Ask: What kind of text is this? How can you tell? [Answers will vary, but may include newspaper report or current events. Discuss how the design features and layout of the text help the reader to identify this as a newspaper report.]

Turn to pages 4, 7, 8, 10, 14, and 17 and point out how “The Jayde Files” have been used to provide additional information. Who is the “speaker” in this text? [the “crop circle investigators”]

Next, ask: What is the name for a text type that gives instructions? What are some examples of this text type? [Guide students towards the term “procedural text” – a type of information text that is written to explain the steps in a procedure. Examples will vary, but may include recipes, instruction manuals, software installation procedures.]

Turn to pages 18–19. Ask: What kind of text is this? [procedural text] Ask: Why does this procedural text have so many illustrations? [Illustrations are the simplest means of showing what the author is trying to explain.]

### Literacy Achievement Objective:

Recognize and understand the connections between oral, written, and visual language.

### Specific Literacy Learning Outcomes:

- Use diagrams and illustrations to help in the understanding of text.
- Explore text type (newspaper reports, case files, procedural texts)

### Numeracy Achievement Objectives:

- Classify plane shapes.
- Predict results of reflections and rotations on plane shapes.
- Measure angles using a protractor.
- Find the circumference and area of a circle.

### Specific Numeracy Learning Outcome:

Be able to answer questions relating to angles, symmetry, number patterns, shapes, circumference, and area.

### Cross-Curricular and Topic Links:

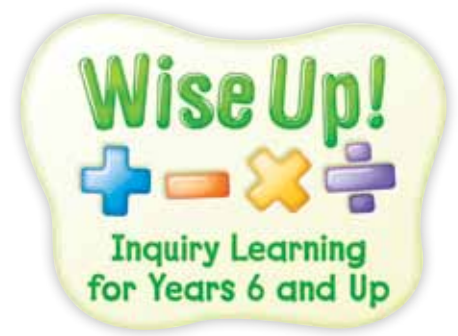
investigation and research, science and nature, global crop art and design (environmental art)

### Additional Visual Arts Outcome:

- Make a polygon pattern (procedural text on pages 18–19).
- Design a crop formation (challenge on page 24).

# Monster Crop Circles and Other Mysteries

## Teacher's Notes continued



### Literacy Focus cont.:

3. **Review:** Ask: Do you think the different text types in *Monster Crop Circles and Other Mysteries* help to make the book more interesting? Why/why not? How could you use different text types to make a research project more interesting?

**Session 3:** Using the Small Books, have the students reread *Monster Crop Circles and Other Mysteries*. Model answering the Wise Up! on page 5. In their maths groups, have the students answer the Wise Up! questions on pages 6, 9, 11, 13, 15, 17, 21, and 23. Help individual groups as necessary.

**Session 4:** Have the students work on their own to complete the activity on page 11.

### Inquiry Learning Extension:

1. Have the students work on their own to complete the activity on pages 18–19.
2. Have the students work on their own to complete the challenge on page 24.

