

Ngā Karu o Ngā Ngeru — Cats' Eyes



Approach: Station

Focus: Reading comprehension.

Resources: Story sheet.



NGĀ KARŪ O NGĀ NGERŪ

Ka rapu kai ētahi kararehe i te pō. He karu motuhake o rātou, hei āwhina i a rātou ki te kite, i te wā paku noa te mārama.

He maha ngā tāngata i te whakaaro e āhei ana ngā ngeru ki te kite i te wā pōuri. Kāore e tika ana tēnei. Kāore ngā ngeru i te kite, inā, ka tino pōuri, engari he iti ake te mārama mō te ngeru ki tērā o te tangata.

Ko ngā ngeru katoa, ahakoa te paku, te nui rānei, he karupango pupil of the eye whaiti, he karupango pango o ō rātau karu. Ka rahi ake ēnei, inā, kāore i te tino mārama, ā, ka whaiti anō, inā, ka tino mārama rawa atu.

Pēwhea te kuri? E āhei ana ngā kuri ki te kite i te pō? Kao. E ōrite ana ō rātou karu ki o tātou, he karupango porowhita, ā, ka rahi anō mēnā ka āhua iti rawa ake te mārama.



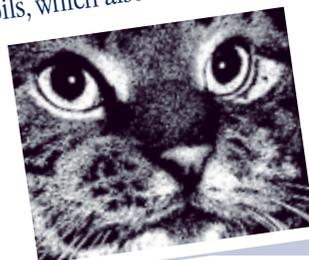
CATS' EYES

Some animals hunt for their food at night. They have special eyes that help them see when there is only a little light.

Many people think that cats can see in the dark. This is not true. Cats cannot see when it is completely dark, but they need much less light than people need.

All cats, large or small, have narrow black pupils in their eyes. These grow larger when there is not much light, and become narrow again when it is bright.

What about dogs? Can they see at night? No. They have eyes like ours, with round pupils, which also become larger when there is less light.



Questions/instructions:

Put a ring around the **a**, **b** or **c** beside the best answer.

1. Some animals can hunt at night because...
- they are clever
 - they cannot see in daylight
 - they can see when there is not much light

Porohitatia te **a**, te **b**, te **c** rānei i te taha o te whakautu pai rawa atu.

1. E āhei ana ētahi kararehe ki te rapu kai i te pō nā te mea....
- he tino mōhio rātou kāore rātou
 - i te kite i te wā awatea
 - ka kite rātou ahakoa paku noa te mārama.

% responses

GEd MI

c 88 88

2. Can cats see when it is completely dark?
- Yes
 - No
 - Don't know

2. E āhei ana ngā ngeru ki te kite i te wā tino pōuri rawa atu?
- Āe
 - Kao
 - Aua hoki

b 82 67

3. When are cats' pupils very narrow?
- When it is light
 - When it is nearly dark
 - When it is completely dark

3. Āwhea te wā e tino whāiti ana ngā karupango [pupil of the eye] o ngā ngeru?
- ā te wā e mārama ana te ao
 - ā te wā e tata ana te pōuritanga
 - ā te wā e tino pōuri rawa atu ana

a 61 54

4. Dogs' eyes are different from cats' eyes because dogs...
- have narrow pupils
 - have round pupils
 - have pupils that become smaller at night

4. E rerekē ana ngā karu o ngā kurī ki ngā karu o ngā ngeru nā te mea, ko ngā karu o ngā kurī....
- he whāiti ngā karupango
 - he porowhita ngā karupango
 - ka iti ake ngā karupango i te pō

b 74 69

5. What does the story tell us about humans' eyes?
- They have narrow pupils
 - They have round pupils
 - Their pupils change when they go hunting

5. He aha te kōrero e pā ana ki ngā karu o te tangata?
- he karupango whāiti ō rātou
 - he karupango porowhita ō rātou
 - ka huri rerekē ngā karupango i te wā ka rapu kai rātou

b 89 83

6. Which of these do you think would have narrow pupils in their eyes?
- Dogs
 - Tigers
 - Humans

6. Ko ēwhea o ēnei, ka whai karupango whāiti i roto i ō rātou karu?
- ko te kurī
 - ko te tāika
 - ko te tangata

b 69 42

Total score: 6 36 15

5 33 25

4 7 29

3 12 14

2 7 15

0-1 5 2

Commentary

Māori students in general education (GEd) settings scored statistically significantly higher than did Māori students in Māori immersion (MI) settings.