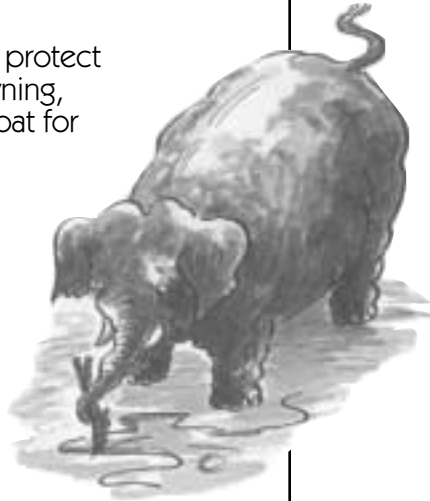


THE AMAZING WORLD OF ANIMALS

part 1/AMAZING ANIMAL FACTS

The more you know about animals, their abilities and their behaviour, the more you'll see how complex and amazing they are. Here are some fascinating facts about animals that may surprise you.

- ✓ **Dolphins** have been known to protect shipwreck survivors from drowning, sometimes keeping people afloat for many miles.
- ✓ **Musk oxen and cows** form a protective circle around their calves when danger or rough weather threatens.
- ✓ **Elephants** have been known to enjoy painting or drawing, using paintbrushes or even twigs held in their trunks.



- ✓ **Orangutans** build overhead platforms in their 'nests' to keep out the rain and use large leaves as umbrellas.
- ✓ A **blackpoll warbler** can fly all the way from Canada to South America and back, then return to the exact same nest.
- ✓ Male **emperor penguins** guard and incubate the females' eggs for two continuous months, without food, in the perpetual Antarctic cold.
- ✓ **'Electric' fish and eels** communicate by transmitting electrical signals to one another.

part 2/ANIMAL I.Q. TEST

Now, let's put your animal I.Q. to the test. Read each statement below. Check 'A' if you agree that the statement is true, 'D' if you disagree or 'Not Sure' if you're not sure.

1. **Whales'** communication powers are so strong that a whale in Antarctica can hear the calls of a whale in Alaska.
2. **Crows** in the south of France have a different 'accent' from crows in the north.
3. If an injury forces a **goose** to leave the flock, others stay with the injured bird until he or she recovers or dies.
4. **Deer** have been known to 'guide' other deer who have gone blind.
5. **Elephants** mourn their dead and can shed tears of grief.
6. **Ants** rub feelers, rather like shaking hands, to identify members of their own community.
7. After a fight, **chimpanzees** sometimes comfort the loser by putting an arm around or grooming him or her.
8. Some **birds** use mud and plants to set and heal broken bones.
9. There have been thousands of cases in which **dogs** and **pigs** have saved children from danger.



A	D	Not Sure
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part 3/ANIMAL PROJECT

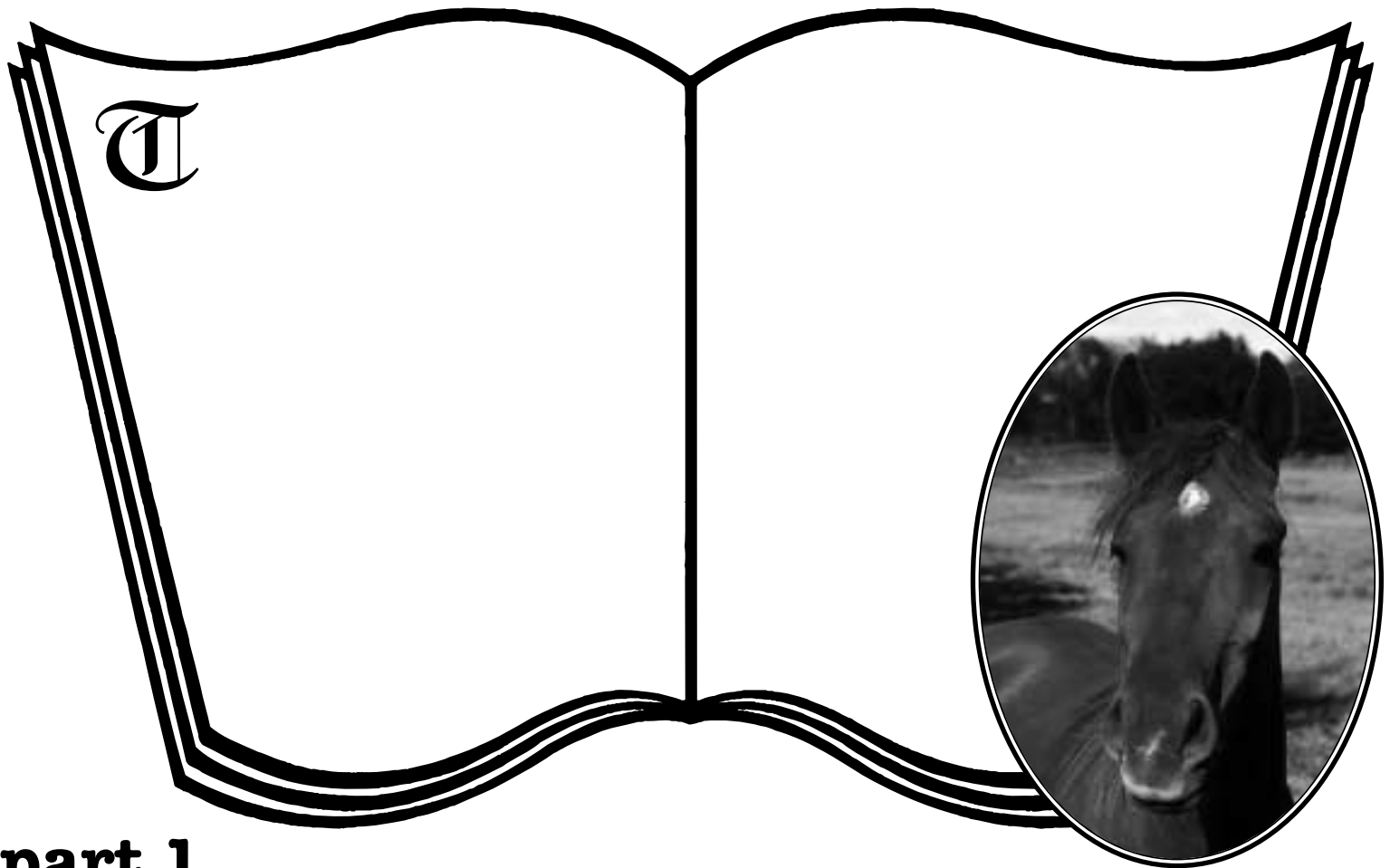
Although we have yet to fully understand animal languages, we can imagine what animals might be thinking and feeling. Choose an animal and research his or her natural habitat. Then turn this sheet over and write a 'letter to the editor' from the animal's point of view in response to a threat to his or her home.



ANIMALS AND THEIR FEELINGS

We can learn more about how animals experience life by developing **empathy** toward them—in other words, by identifying with their needs and feelings to understand them better. For an example of writing that displays empathy toward an animal, read this passage from Anna

Sewell's classic novel **Black Beauty: The Autobiography of a Horse**. In it, a horse named Ginger tells Black Beauty of her experience with humans. Then think about how the author shows empathy toward Ginger and her plight.



part 1

The passage you've just read shows that **empathy** is the key to understanding what animals are feeling. Now read each situation below. Then, in the spaces provided, list all the feelings you can think of that each animal might be experiencing.

1. A dog let into a warm home on a very cold night feels ...

2. A tired bull or horse being whipped to pull a heavy cart faster feels ...

3. A small calf separated from his or her mother feels ...

part 2

Now stretch your imagination further. Imagine that you are any animal of your choice. On the other side of this sheet, write a brief story from the animal's point of view, based on the topic, 'If I had three wishes.' Give your story a title, and draw a picture to go with it on a separate sheet of paper. Then share both your story and your picture with the class.

Changing Times, Changing Minds

THROUGHOUT HISTORY, PEOPLE HAVE USED ANIMALS FOR THEIR OWN PURPOSES

And we have often failed to realise that animals experience life—including fear, pain, and happiness—as we do.

part 1 If newspapers had been around as long as humans have, they might have featured headlines like these. For each headline, tell how the event might have helped reduce the use of animals by humans.



LINEN IS 'IN' FOR FASHIONABLE PHARAOHS

CIRCA 4,000 B.C.:

HOUSEHOLDERS CHANGE THEIR LAMP OIL ... FROM WHALE TO PETROLEUM

CIRCA 1860s:

'HORSELESS CARRIAGE' HONKS ITS WAY INTO HISTORY

CIRCA 1903:

Crinkle-Free Synthetic Fabrics as Shiny as Silk

CIRCA 1960s:

Researchers Flip for Computer Models

CIRCA 1980s:

Cameras Replace Guns for Wildlife Shoots

CIRCA 1990s:



Cavepeople Switch From Bones to Stones for Tools

CIRCA 70,000 B.C.:



part 2 Despite such animal-friendly developments, animals are still being used by people today. After reading each of the uses below, write an animal-friendly alternative for each on a separate piece of paper.

1. Dissecting frogs in classrooms.

2. Capturing and using wild animals like bears, monkeys and snakes for 'entertainment'.

3. Raising and killing animals for food.

4. Killing animals for their feathers, fur and skin.

MAKING HUMANE CHOICES

We can each make changes in our own lives to make sure that we treat animals with compassion and respect. We can also encourage others to do the same. The 'Golden Rule' that we try to follow in our relationships with other people should also apply to our relationships with animals:

'Do unto others as you would have them do unto you.'

Take a look at these descriptions of situations in which the Golden Rule is not being applied to animals. For each one, tell in the spaces provided how you would change it to make it fit the Golden Rule.

- 1.** At a local zoo or circus, you see a bear circling aimlessly, without shade, on a very hot day.

(a) How does this situation fail to live up to the Golden Rule?

(b) What would you do to help?

- 2.** You see many people hurry past a bird with a broken wing who has fallen onto a busy street.

(a) How does this situation fail to live up to the Golden Rule?

(b) What would you do to help?

- 3.** On your way both to and from school one day, you notice a dog tied up on a short chain, with no food or water in sight.

(a) How does this situation fail to live up to the Golden Rule?

(b) What would you do to help?



- 4.** You see your best friend remove a turtle from a riverbank.

(a) How does this situation fail to live up to the Golden Rule?

(b) What would you do to help?

- 5.** You see a chicken being carried upside down by the legs.

(a) How does this situation fail to live up to the Golden Rule?

(b) What would you do to help?

