**Words 1**

1. mimics
2. decorate
3. technique
4. inspected
5. ornithologist
6. impress
7. spines
8. behavior

**Words 2**

1.  Birds can fly a phenomenal distance of thousands of kilometers every year.

2.  Some birds migrate every winter. It is an annual event.

3.  Many man-made objects such as plastic bags can be harmful to birds.

4.  Freezing temperatures and severe winds make Arctic winters very harsh.

5.  The feathers were arranged   artistically to create a beautiful pattern.

6.  Studies of bird fossils have revealed that birds are descended from dinosaurs.

7.  Birds can encounter many obstacles on their journey.

8.  Her sad expression implied that she was lonely.

**Read 1**

The penguin can swim , but it can’t fly . It catches fish with its beak and can stay underwater for up to 20 minutes. The penguin’s black and white feathers help them to hide . The male penguin looks after the egg while the female penguin looks for food. They keep warm by standing in a circle with their backs toward the wind . There are more than 15 species of penguins in the world.

**Read 2**

|  |  |
| --- | --- |
| 1. agile | active |
| 2. striking | impressive |
| 3. distinctive | unusual |
| 4. key | important |
| 5. camouflage | disguise |
| 6. chick | baby |
| 7. withstand | survive |
| 8. huddle | stand close together |

**Read 3**

1. True
2. False
3. True
4. False
5. True
6. False

**Grammar in Use 1**

|  |  |  |
| --- | --- | --- |
| **Present perfect passive** | **Past perfect passive** | **Future passive** |
| * A film has been made about penguins. * A team of scientists has been sent to study the penguins. * Changes in bird behavior have been observed. | * The penguin colony had been studied for several years. * A camera had been installed in a cave near the colony. * The recordings had been analyzed by scientists. | * Some penguin colonies will be threatened by global warming. * Some bird species will be lost if the climate gets warmer. * The environment will be damaged by increasing human activity. |

**Grammar in Use 2**

A new bird species has been identified by a student ornithologist. She observed the birds while she was on a study trip in Indonesia. She had noticed different colored feathers on some of the birds. She took pictures and sent them to a scientific website. Her pictures were compared with pictures of other similar species. This species had never been seen before. A new species had been discovered . The ornithologist has been awarded a special prize for her discovery and the pictures will be published on the Internet. A documentary about the birds will be made later in the year.

**Grammar in Use 3**

1. the winner of the ornithology prize has been announced by the judges .

2. the ornithology prize will be awarded by a famous scientist .

3. the competition has been won by a high school student .

4. he had been encouraged to study birds by his teacher .

**Grammar in Use 4**

1. A new project had been started by students in my class.

2.  A different species of bird will be chosen by each group of students.

3.  Several species of birds will be filmed by hidden cameras.

4.  The videos will be shown on the website.

5.  The website has been designed by my teacher.

6.  People will vote for the best videos.

**Listening**

* 1. sound like human sounds
  2. to add variety to their songs
  3. a car alarm
  4. camera
  5. by combining sounds around them
  6. phone ringing

**Word Study**

1. anticipate
2. microphone
3. symphony
4. antidote
5. phonics
6. cacophony
7. antibacterial
8. antipathy

**Writing Study**

|  |  |
| --- | --- |
| 1. She's as busy as a \_\_\_\_. | bee |
| 2. He swims like a \_\_\_\_. | fish |
| 3. The snow sparkled like \_\_\_\_. | diamonds |
| 4. The water is as clear as \_\_\_\_. | crystal |
| 5. His hands were as cold as \_\_\_\_. | ice |
| 6. The kitten was as light as a \_\_\_\_. | feather |