Impact 3 Workbook
Audio Script
Unit 5

TR: 21
3. Listen. Write the animal group and name of the animal being described. Complete the information.

1. **S1:** The blowfly is an insect that can flap its wings 150 times per second. The features of its flight mechanism are among the most complex in the world. It's skilled at controlling its flight with muscles that can be as thin as a human hair.

2. **S2:** The flying dragon is a reptile. It has the capability of flying across half a football field. Its flight isn't powered by flapping wings, but is possible because of loose skin on its side. This skin expands to form a cape. It allows this reptile to escape a predator and reach the ground safely.

3. **S1:** It's a myth that chickens aren't capable of flight. They can fly for a limited distance to escape predators. Farmers fatten up these birds until their wings can't support their body weight.

TR: 22
5. Listen to the ancient Greek myth. Number the events in order.

Icarus and Daedalus

Daedalus was a skilled architect and inventor who had designed many great works. Because of a crime he had committed, he was sent to the island of Crete. Daedalus was sent to Crete along with his son, whose name was Icarus. There, he started to work for King Minos.

A monster called the Minotaur lived on Crete. The king asked Daedalus to build a labyrinth in order to imprison this monster. However, Daedalus had shown his drawings with the features of the labyrinth to somebody who wanted to kill the Minotaur. King Minos became so angry that he imprisoned Daedalus and his son in a tower.

From the tower, Daedalus observed the birds flying free. He was jealous of their freedom. He decided to try to escape by using wax and feathers to make wings that would allow him and his son to fly.

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He told Icarus not to descend too close to the sea, because his weight would cause him to fall in the water. He also told him not to ascend upward too close to the sun, because the wax would melt and the wings would not be stable.

They jumped to their freedom and soared like birds above Crete.

When Icarus saw the wonderful capability of his wings, he didn't want to be limited to flying in a straight line. He forgot his father's warning and flapped his wings harder and harder as he powered himself toward the sun.

This proved to be a terrible mistake. The wax melted, and the force of gravity caused Icarus to fall in the sea. That sea today is named the Icarian sea, after Icarus.

TR: 23

6. Listen again. Complete the sentences. Use the past perfect forms of the verbs from the box.

See Audio Script for Activity 5 above.

TR: 24

8. Listen and read. As you read, notice how aerial vehicles have evolved.

See Workbook p. 50.

TR: 25

12. Listen. Complete the sentences using the past perfect progressive.

Ryan Carney had always wanted to be an artist. Before the age of seven, Ryan had been drawing pictures of how birds fly. The artist and inventor, Leonardo da Vinci, was his hero. Hundreds of years ago, Leonardo had thought and written about flight in bats, birds, and kites. And years later, when Ryan became an adult, that's exactly what his research was all about!

Ryan was also fascinated by dinosaurs. He wanted to study how dinosaurs moved. So before Ryan taught himself to use a 3D laser scanner, he had been studying how to use 3D modeling and animation software. He realized that technology could help him discover the secrets of fossils that were millions of years old. Special software allowed him to digitally capture the movement of the bones of a dinosaur, a pigeon, and an alligator. He was then able to produce 3D models.

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In 1861, the first specimen of an *Archaeopteryx* feather was found in a rock that was over 150 million years old. Ryan did research into the possible color of this feather. Curiously, eight years before, when he'd been playing in a punk band called *Icarus*, Ryan had actually animated the story of Icarus using a 3D model of that same feather! Now Ryan has a tattoo of the *Archaeopteryx's* feather. While he'd been getting his tattoo, another curious thing happened. The tattoo artist identified exactly the type of feather it was!

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