**Asset Information Page**

**Penguin**

**Sticky Note 1:**

**Penguins endure temperatures of -100 degrees Celsius and winds off up to 200 kmph!**

**Appearance:** Antarctica penguins are very well adapted to the cold. Their oily feathers, which gives penguins that distinguished well-dressed look, do not allow water to pass through to their skin.

Underneath the outer feather layer is thick layer of fat which keep penguins so warm that they often need to fluff up their feathers to cool down.

**Habitat:** 17 species of penguins are found worldwide, however, only 7 reside in the Antarctic region and can be considered truly Antarctica penguins.

These are Adélies, Kings, Chinstraps, Emperors, Gentoos, Macaroni, and Rockhoppers.

**Movement:** Penguins are flightless birds, instead they are designed to swim.

Their powerful paddle muscles and sleek hydrodynamic shape makes them extremely quick in the water, often **reaching speeds of 25 mph**!

**Diet:**  Antarctica penguins generally feed on small fish and krill.

It is easy to determine the diet of a particular penguin as penguins that eat krill excrete pink guano whilst penguins that consume fish have white guano.

-------------------------------------------------------End of Sticky Note 1---------------------------------------------------------

**Sticky Note 2:**

**Though females lack antlers, they aggressively protect their babies with powerful kicks that can break bones or even kill predators!**

**Reproduction:**  Most penguins (except the emperor and king) lay more than one egg, usually two. Incubation duties are shared by both parents, working in shifts until the chick hatches, with varying shift lengths from daily changeovers to over a month.

**Social Structures:** Penguins are very social creatures and their rookeries often exceed a million birds! With the exception of the Emperor penguin, most penguins like to congregate on beaches or rocky landscapes.

**Communication:**  Penguins are sociable creatures both on land and at sea. Their colonies — known as rookeries — are often huge, with up to a million nesting pairs.

**Survival Skills:**  In water, penguins are hunted by leopard seals and killer whales.Penguins usually live in places free of land predators, against which they would be defenseless!

 ------------------------------------------------------End of Sticky Note 2--------------------------------------------------------