Primary theme statements:

1. Polar bears and their habitats are amazing.
2. Polar bears are struggling with the effects of climate change.
3. Our keepers and bears work together as partners in conservation science.
4. You can make a difference for polar bears.
Polar Passage Identity Graphic
Conservation Research Center
Pioneer Partners

“Everything we learn here is applied out there.”

See 3/GR-09 for more info.
Where the Bears Are
Melting Ice Bear
Melting Ice Bear
Polar Passage Site Plan
Central Plaza Pool View
Paddle Power

Walk or Swim?

Would you rather walk or swim to find a meal? Turn the paddles and see how much energy a polar bear uses walking versus swimming.

See 2/GR-23

See 3/GR-23

See 4/GR-23

See 5/GR-23
Amazing Adaptations: Hunting Strategies

- **Stealth**
- **Patience**
- **Power**

1. The polar bear will creep up silently to the seal's breathing hole. The bear will then hit the breathing hole with a giant splash!
2. Patience is key. The polar bear will wait around the breathing hole until the seal comes out to breathe.
3. When the seal comes out to breathe, the polar bear will strike with swift, powerful jaws!
Polar Passage Site Plan
Heat Trapping Blanket

Carbon in earth's atmosphere acts like a heat trapping blanket

What's causing climate change?

1. 
2. 
3. 
4.
Stories of the Ice
Smell Port

Stand close to the opening and let a polar bear smell you!

**The Nose Knows**

Polar bears’ extraordinary sense of smell is essential to their survival. They can detect prey up to 20 miles away.

Polar bears have 20X more scent receptors in their nasal cavity than humans—and twice that of a bloodhound!
Polar Bear Benches
Primate Forest Interpretive Themes

Primary theme statements:

1. Human caused deforestation is the most significant environmental challenge facing primates around the world. We can make a change!
2. Apes are incredible, intelligent and highly adapted for life in the forest.
3. Oregon Zoo is committed to providing an enriching environment for the primates in our care.
Primate Forest Identity Graphic

- Painted steel
- Wood
- Painted aluminum lettering, 1/2" thick
- Carved and painted leaf shapes

Dimensions:
- Main Identity: 3'-0" width, 6'-6 1/2" height
- Secondary Identity: 2'-6" width, 5'-0" height
Meet the Apes
Chimpanzee ID/Bio
Chimpanzee Communication

Let's Talk!
Chimpanzee troops stay in constant communication, using a remarkable range of vocalizations. Researchers have identified more than 30 different sounds — each with a particular meaning.

See if you can figure out what our chimps are saying!
Chimpanzee Sociality

Social Animals

Chimps merge into large groups at night and split into small foraging groups during the day. This social structure is known as "fission-fusion".

A dominant male leads the troop and each individual knows its place in the hierarchy.

Members of a troop gain power through alliances.

Mutual grooming is essential to chimp society, creating bonds trust and support.
Night Nests

3' Steel painted pipes

Enclosure-grade nylon mesh

6' fall zone with soft-play ground material

Cosner Manufacturing
Nylon Hammocks

Soft play ground material

See 3/EX 73 for similar graphic panel condition
Orangutan Tool Making
Orangutan Communication

Separate Lives

The most solitary of all the apes, orangutans mostly avoid contact except when males compete for dominance and breeding rights.

Bornean Orangutan (Malo)
Dominican Orangutan (Malo)

Push-button activated audio
Losing Ground - Deforestation

Some of the world's most live in tropical forests.

Every 2 seconds an area of tropical forest the size of a football field is cut down.
Rhino Holding
Rhino Interpretive Themes

Primary theme statements:

1. Black rhinos at Oregon Zoo thrive under our respectful, science based care.
2. Black rhinos have many amazing adaptations that help them survive
3. Oregon Zoo supports black rhino conservation
4. Our community is working to protect rhinos and other African wildlife from illegal trade
Rhino Adaptations
Mud wallows
Rhino Horn
Bowling for rhinos