



Arctic VOICES

SCIENCE NORTH  SCIENCE NORD

EXHIBIT BRIEF

ABOUT ARCTIC VOICES



ABOUT THE EXHIBITION

Developed and presented by Science North, *Arctic Voices* takes visitors to the fascinating and changing world of the Arctic, through interactive and object-based exhibits and multimedia experiences. Visitors explore the Arctic through the sights, sounds, and voices of this beautiful and changing place. They discover the wildlife, marvel at the landscapes, and meet the people who call the Arctic home.

The Arctic may seem like a distant place, but it is deeply connected to the rest of the world. Human actions are causing rapid changes in the North, and understanding these changes is important for the future of the planet. Visitors explore the impact of changing climate in the Arctic through many “voices”, including the animals and plants that live there, the people who inhabit this region, and the scientists and others who are helping to reveal what makes this place so special.

The emblem of the Arctic has long been the majestic polar bear, but there is much more to the Arctic landscape and its wildlife for visitors to explore. The Arctic has terrestrial and marine

ecosystems interdependent on one another, supporting both land and marine animals and plants, many of which are found nowhere else. People are an integral part of the Arctic; their traditions, cultures and livelihoods are deeply connected to the landscape around them. They are experiencing the direct impacts of climate change.

This exhibition is scalable from 3,000 to 6,000 square feet, or 300 to 600 square meters.

AUDIENCES

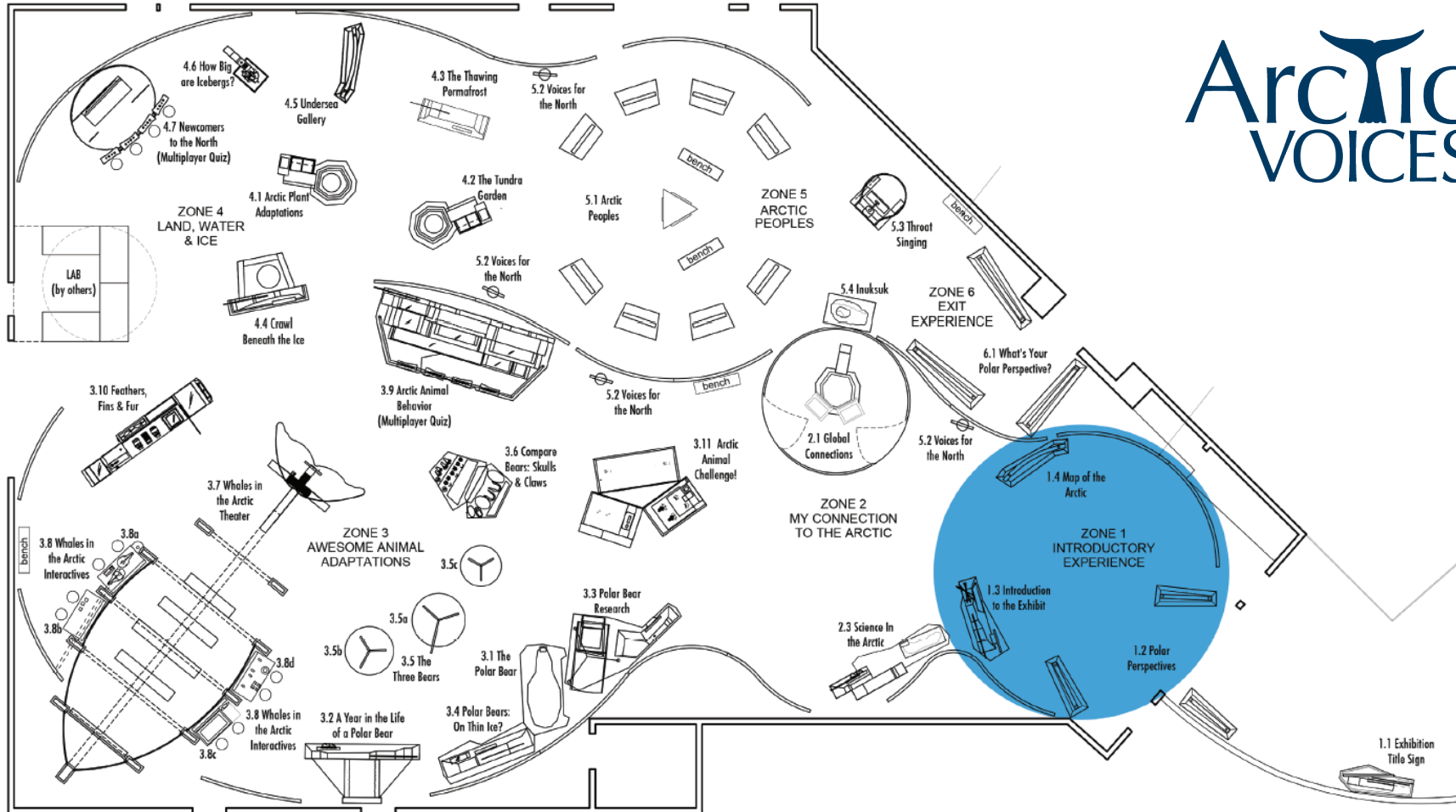
- Families
- Teens and young adults
- Adults
- School groups
- Youth groups
- Seniors groups
- Environmentalists

EDUCATIONAL THEMES

- Climate change
- Natural history
- Environmental science
- Science technology



Zone 1 - Introductory Experience



Sample Floor Plan (6,000 square feet)

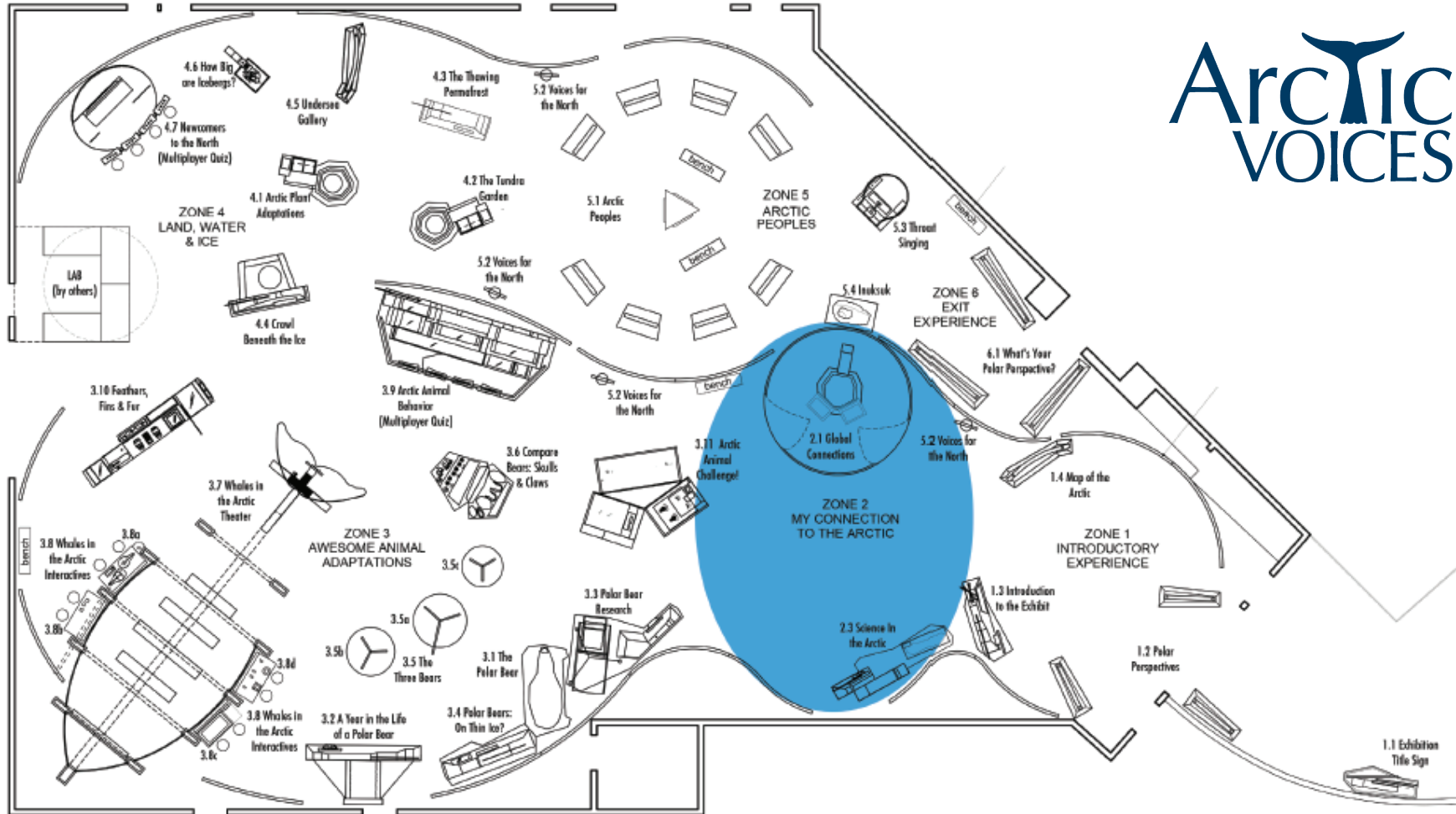
Introductory Experience

Arctic Voices provides you with the opportunity to explore, and perhaps ultimately be inspired to protect, this vulnerable and special region of our planet.

Challenge your perceptions of the Arctic through thought-provoking imagery, and study a circumpolar map to appreciate the immensity of the Arctic.



Zone 2 - My Connection to the Arctic



Sample Floor Plan (6,000 square feet)

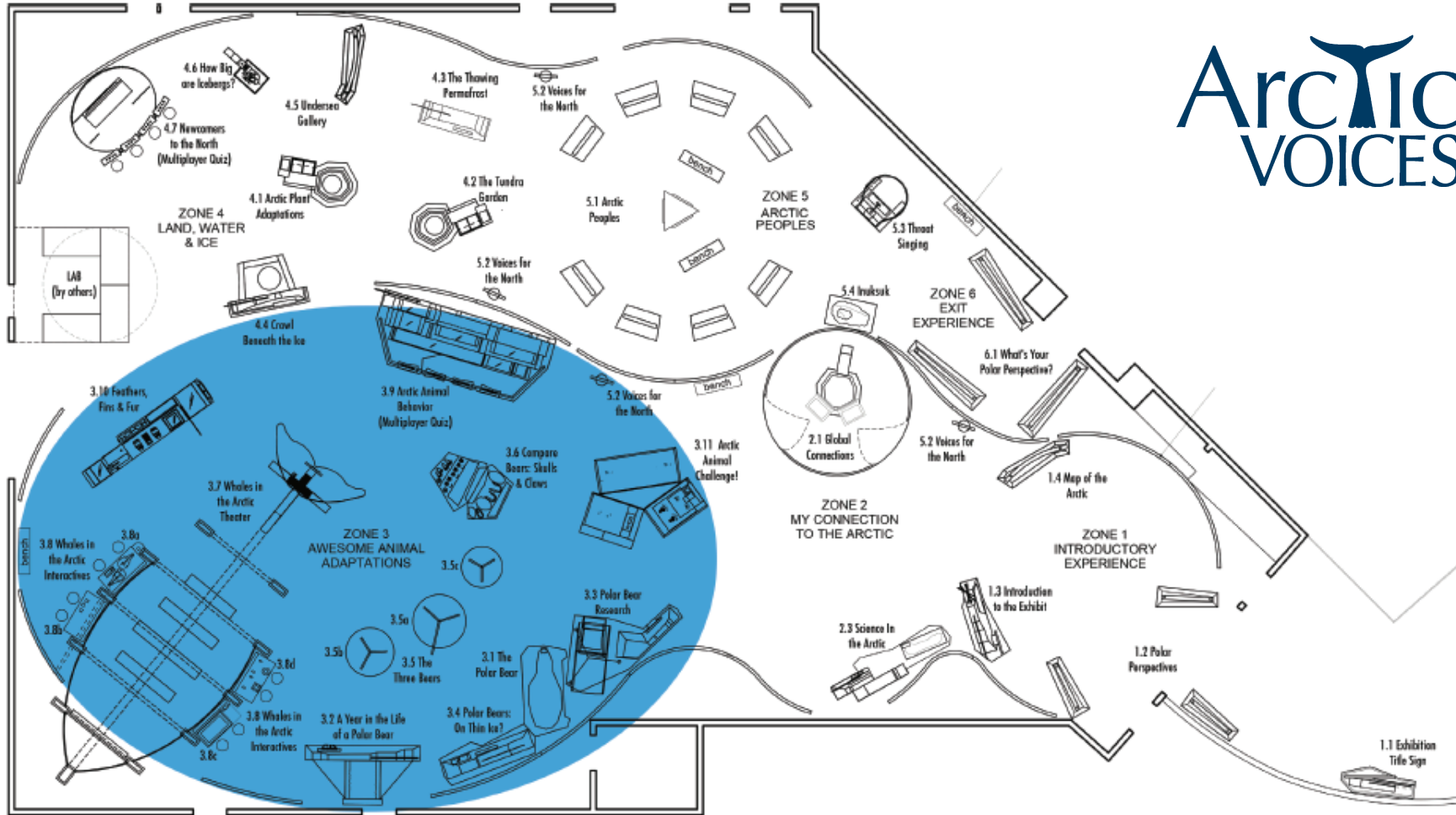
My Connection to the Arctic

Why should you care about a land in the far North that is sparsely populated, and that may seem so remote, cold and inhospitable? Realize that your connection to the Arctic is perhaps greater than you think.

Learn how your everyday actions are impacting the Arctic and how the Arctic is impacting on you. At the Global Connections computer station, explore how the Arctic affects global systems and influences the weather you experience. View animations showing how the extent of sea ice has changed over the past decades, how climate change will affect the ice cover in the future, and how shrinking sea ice will have an impact on the whole planet. Watch videos of scientists engaged in Arctic research, and learn how science and traditional knowledge are helping to increase our understanding of the Arctic.



Zone 3 - Awesome Animal Adaptations



Sample Floor Plan (6,000 square feet)

Arctic Animal Adaptations

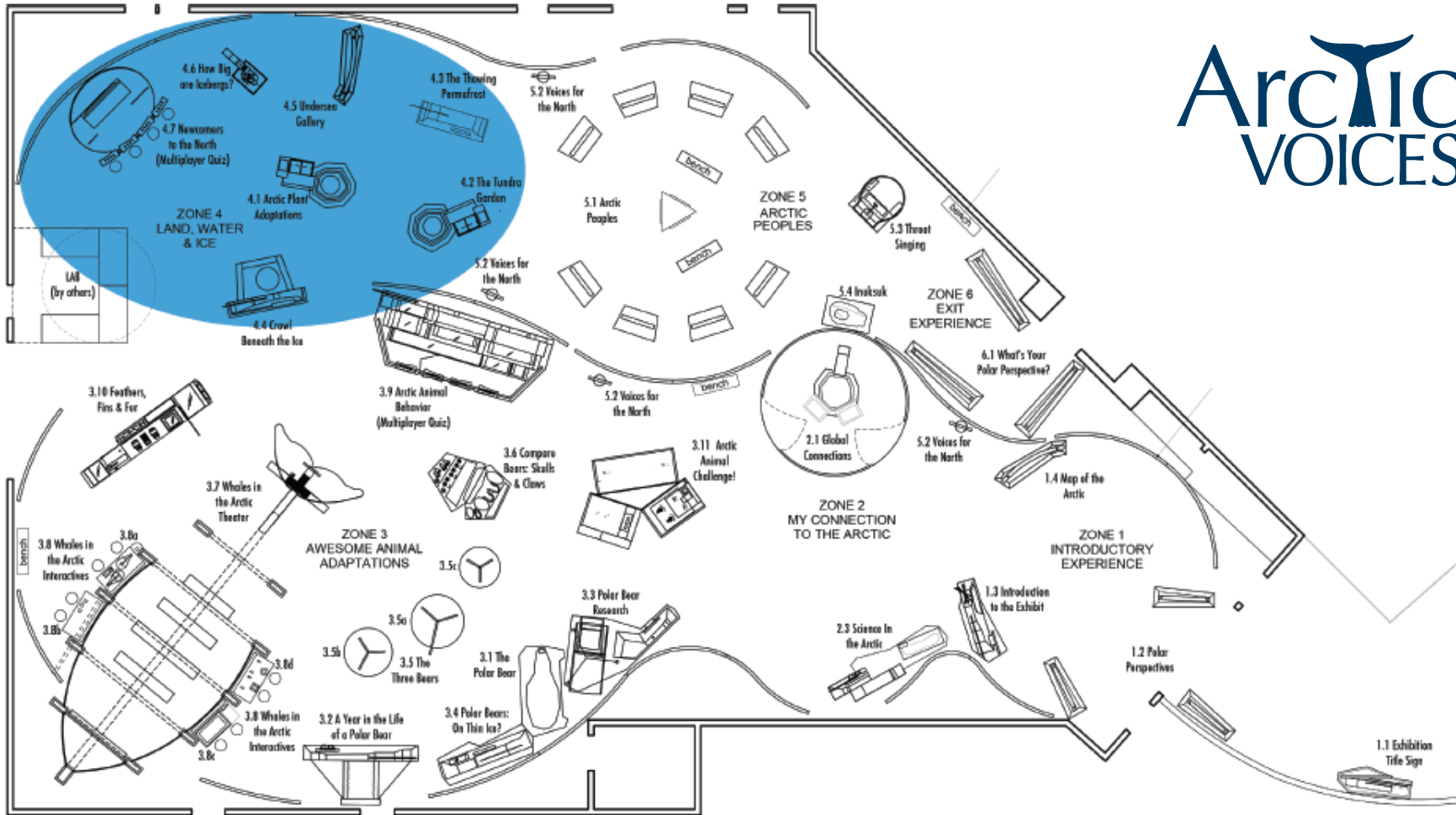
While some animals are seasonal visitors during the long days of the Arctic summer, wildlife that live in the Arctic year-round have adapted to the freezing, dark winter days. Explore life in the Arctic Ocean and the wondrous ways in which whales and other marine wildlife survive in these extreme conditions. Relax and appreciate the wonder of Arctic whales in the Whales in the Arctic Theatre, and visit the interactive exhibit stations about each whale species.

Participate in a multiplayer quiz where you take on the role of the researcher and interpret the behaviours of Arctic animals. Examine real specimens to find out more about survival techniques of birds, fish, mammals and other Arctic animals. If you're a younger visitor, take the challenge to mimic Arctic animals by pushing, pouncing and hopping.

Learn about the majestic polar bears: their long travels on the ice, how they survive extremely cold temperatures, and how their lives are being impacted by a warming climate. Take your photo beside life-size images of the three North American bears, and compare the features of black bears and brown bears to polar bears.



Zone 4 - Land, Water and Ice



Sample Floor Plan (6,000 square feet)

Land, Water and Ice

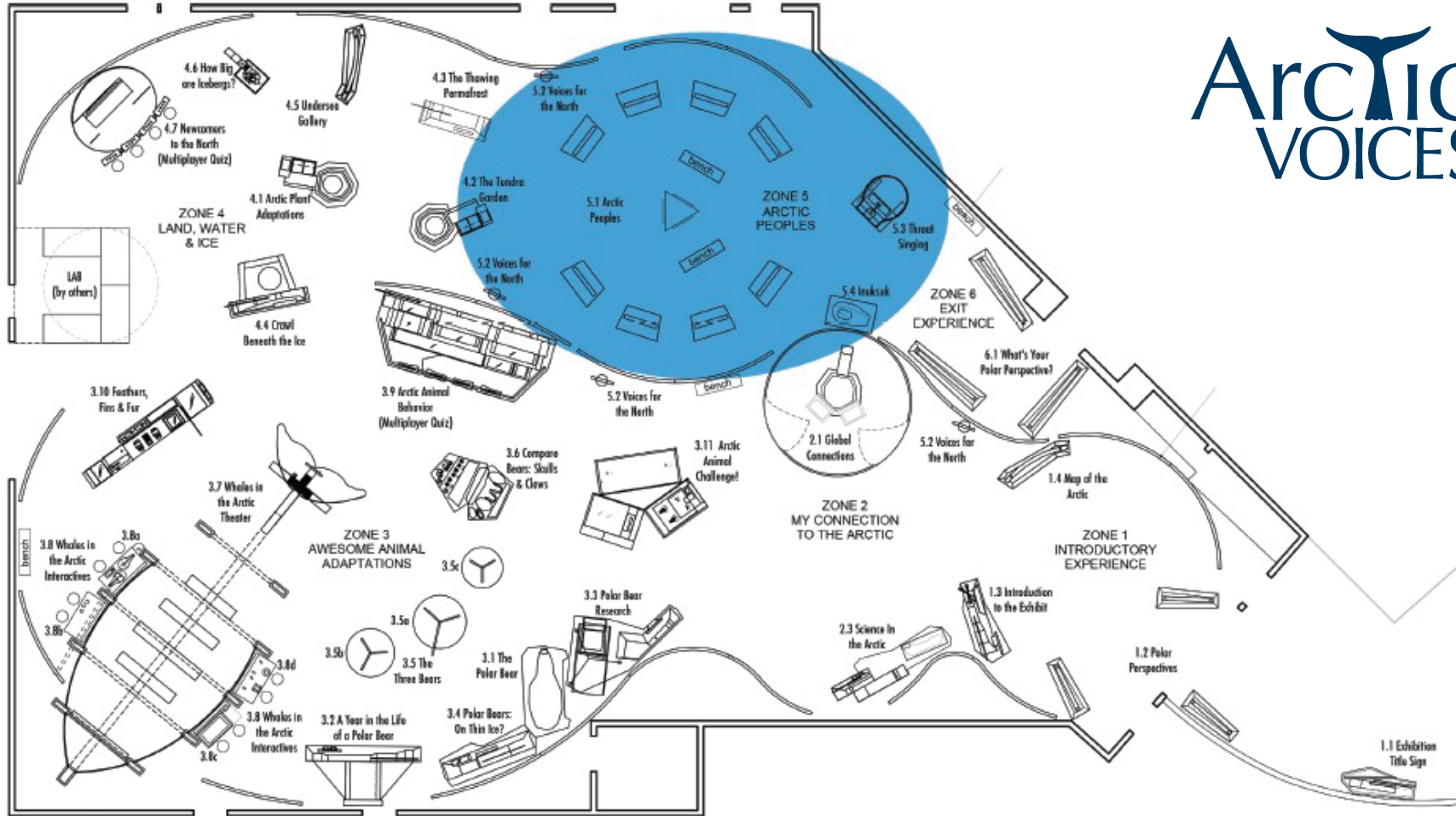
The physical landscape of the Arctic holds many marvels. While images associated with snow and ice may typically come to mind, it is also a land with a stunning palette of colours and textures, from flowering plants on the tundra to life teeming beneath the sea ice.

Take a garden tour of the Arctic to discover the amazing and diverse adaptations of Arctic plants, and explore how people use these plants for food and medicine. Discover why permafrost (permanently frozen ground) is thawing more each year, and the repercussions of this to people, wildlife and the planet.

Reveal the incredible extent of an iceberg hidden beneath the water's surface. "Crawl beneath the ice" to investigate the Arctic Ocean's food web. At the *Newcomers to the North* multiplayer quiz, test your knowledge about species that are moving further and further north due to climate change—including mosquitoes and elk.



Zone 5 - Arctic Peoples



Sample Floor Plan (6,000 square feet)

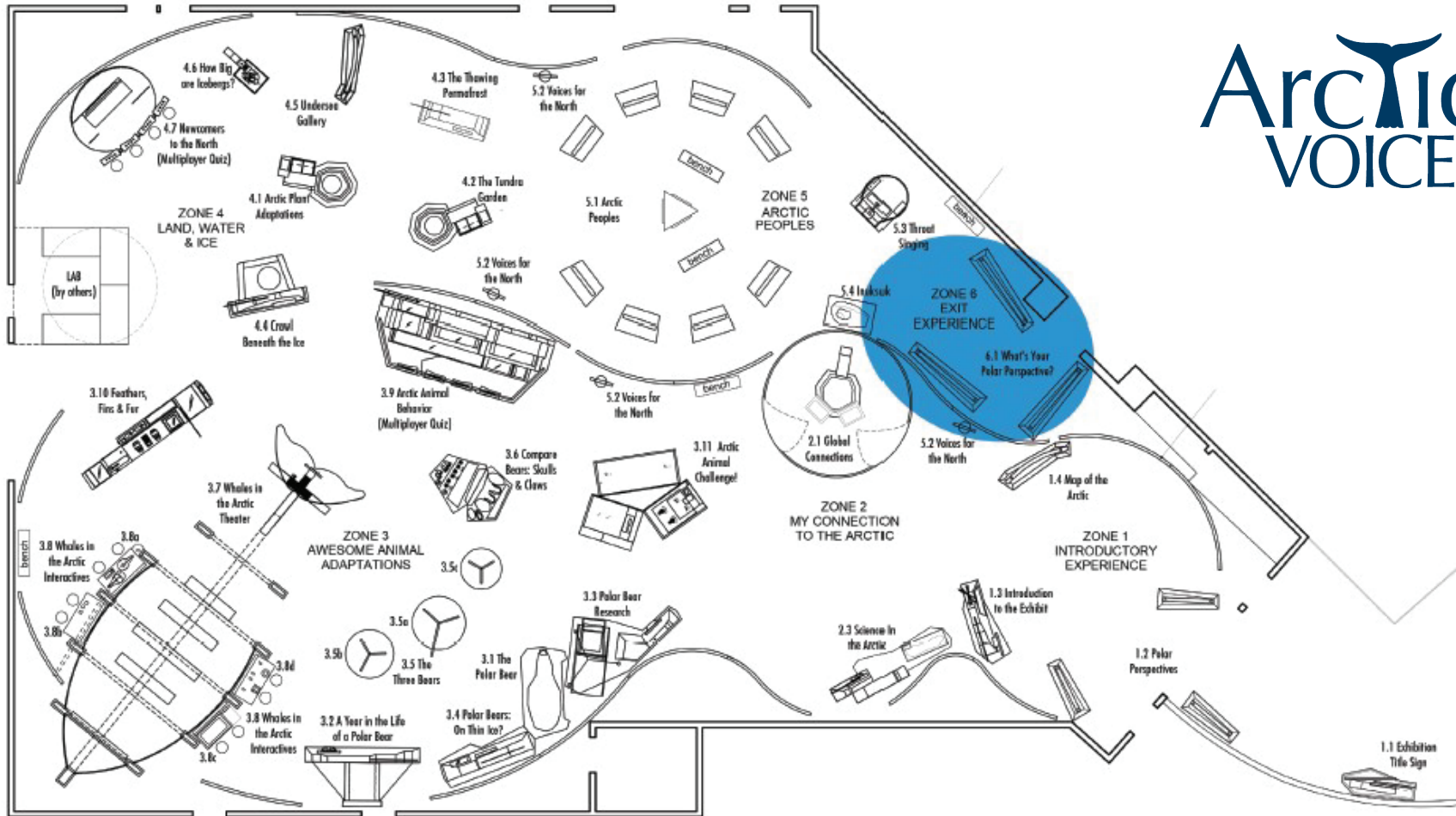
Arctic Peoples

This land is home to a number of peoples, who are observing and feeling the effects of climate change on a daily basis. Through video testimonials and demonstrations, hear the voices of the Northern peoples, and appreciate their knowledge, unique culture and continued connection with the land and the ocean.

Participate in throat singing, a traditional art with modern applications. Watch throat singing performances and a demonstration of the basic techniques, then try it out and view your own performance!



Zone 6 - Exit Experience



Sample Floor Plan (6,000 square feet)

Exit Experience

This final experience revisits the use of imagery to challenge your views and perceptions of the Arctic—a land that is changing in many ways.

What is your polar perspective now?





ABOUT SCIENCE NORTH SALES

Over the past 28 years, Science North has taken its experiences far and wide, venturing beyond Northern Ontario to reach audiences around the globe. Our exhibitions have captivated more than 11 million visitors in eight countries!

Science North stands out for its uniquely science-based exhibit experiences. Our exhibits are crafted around engaging educational themes, are highly interactive, and built to last.



11+ million international exhibition visitors



8 countries

170+
venues



28 years of experience



20 exhibitions activated



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If you have any questions about *Arctic Voices* or any of Science North's traveling exhibitions, permanent experiences or services, please contact us at:

sales@sciencenorth.ca or 249.885.2142



sales.sciencenorth.ca

100 Ramsey Lake Road, Sudbury, Ontario, Canada P3E 5S9

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