Pre-field trip survey

**Field trip:** *Pakake the New Zealand sea lion*

The following questions are designed to assess ākonga understanding of pakake, taoka/taonga species, marine ecosystems and conservation, and their reflections on these concepts. They also serve as an assessment for learning and aim to spark curiosity about the Pakake field trip.

Copy and paste the questions and answers into an interactive platform like Kahoot!, Google Forms, or Quizlet for this activity.

1. What is a "pakake"? (Multichoice)
   1. A type of traditional fishing boat.
   2. A native New Zealand sea lion.
   3. A term for a special cultural ceremony.
   4. A type of New Zealand tree.
2. What is a "taoka" or "taonga species"? (Multichoice)
   1. A type of seaweed found in New Zealand.
   2. A precious or treasured species.
   3. A traditional Māori greeting.
   4. A type of pendant
3. What role might local iwi/hapū play in the conservation of taoka/taonga species? (Tick box)
   1. They organise marine recreational events.
   2. They have pūrakau about the species that go back generations.
   3. They may provide habitat for these species in a particular place.
   4. They are in charge of marketing and promoting these species.
4. How would you describe a marine ecosystem? (Multichoice)
   1. A place where you can find the best seafood restaurants.
   2. A type of underwater vehicle used for research.
   3. A complex community of marine organisms and their environment.
   4. A special event involving marine life celebrations.
5. Why are marine ecosystems important? (Multichoice)
   1. They have no significance.
   2. They provide habitat for a variety of species, including taoka/taonga species.
   3. They're primarily for recreational activities.
   4. They're just for commercial fishing.
6. What is the primary focus of conservation efforts for the New Zealand pakake (sea lion)? (Multichoice)
   1. To increase sea lion populations for hunting.
   2. To ensure the sea lions are captured for research purposes.
   3. To protect and recover pakake populations for future generations.
   4. To build sea lion zoos for public entertainment.
7. What is the main goal of conserving taoka/taonga species like the New Zealand pakake and marine ecosystems? (Multichoice)
   1. To decrease marine tourism.
   2. To maximise economic profits from marine resources.
   3. To maintain the balance of marine ecosystems, preserve biodiversity, and protect cultural heritage.
   4. There is no goal; it's not a concern for most people.
8. What role can individuals play in the conservation of marine ecosystems and takoa/taonga species? (Multichoice)
   1. No role; it's solely the responsibility of scientists.
   2. By consuming more seafood.
   3. By engaging in activities like beach cleanups or supporting conservation organisations.
   4. By participating in industrial fishing.
9. How can we raise awareness about the importance of conserving marine ecosystems and taoka/taonga species? (Multichoice)
   1. By encouraging more marine tourism.
   2. By promoting the use of single-use plastics.
   3. By educating communities, involving tamariki/rangatahi in conservation activities, and supporting environmentally sustainable practices. .
   4. By conducting more underwater cave explorations.
10. Why should we care about the conservation of marine ecosystems and taoka/taonga species like the pakake (New Zealand sea lion)? (Multichoice)
    1. It doesn't really matter; they can take care of themselves.
    2. Because marine ecosystems have no impact on human life.
    3. They contribute to the health of our oceans, support biodiversity, and are part of our cultural and environmental heritage.
    4. There's no scientific evidence to support these concerns.