

Name \_\_\_\_\_

## Wings Across Continents: The Fascinating World of Bird Migration

### Open-Ended Response Answer Key

1. Birds may use visual landmarks, such as coastlines and mountain ranges, celestial cues like the position of the sun and stars, and possibly Earth's magnetic field to navigate during migration.
2. Migration reduces the risk of predation for birds by allowing them to escape harsh weather conditions and find suitable breeding grounds with fewer predators. Additionally, the sheer number of birds migrating together can overwhelm predators, reducing the likelihood of individual predation events.
3. Climate change may impact bird migration patterns and behaviors by altering the timing of seasonal events, such as the availability of food and nesting sites. Warmer temperatures may cause birds to migrate earlier or delay their migration, leading to mismatches with critical resources needed for breeding and survival.
4. During migration, birds face numerous challenges, including exhaustion, adverse weather conditions, and predation. To overcome these challenges, birds rely on efficient flight strategies, rest stops at suitable habitats, and flocking behavior for safety in numbers.

