

Clue Cards

<p>Algae</p> <p><u>Position/Clue</u> A/2 B/37 C/11 D/16 E/43 F/26 G/35</p>	<p>Birds</p> <p><u>Position/Clue</u> A/46 B/4 C/33 D/6 E/49 F/30 G/23</p>	<p>Blue Whale</p> <p><u>Position/Clue</u> A/7 B/29 C/31 D/13 E/8 F/10 G/19</p>
<p>Fish</p> <p><u>Position/Clue</u> A/21 B/40 C/20 D/41 E/42 F/5 G/9</p>	<p>Killer Whale</p> <p><u>Position/Clue</u> A/24 B/15 C/3 D/14 E/25 F/22 G/47</p>	<p>Krill</p> <p><u>Position/Clue</u> A/44 B/45 C/48 D/36 E/12 F/1 G/34</p>
	<p>Seal</p> <p><u>Position/Clue</u> A/27 B/18 C/28 D/38 E/17 F/39 G/32</p>	

Clues

- 1 Krill are herbivores. They only eat primary producers. Placing krill here indicates that they eat a consumer too.
- 2 Remember that primary producers are at the *base* of the food web.
- 3 Killer whales are the top consumer in this system. This means that they have no direct predators. Placing killer whales here gives them predators.
- 4 Birds are not the top consumers in this system.
- 5 Fish are eaten by the top consumer, but they have other predators too. Placing fish here doesn't show those relationships.
- 6 Microscopic algae are too small for birds to eat. Birds eat fish and krill.
- 7 Correct!
- 8 Remember that primary producers are at the base of the food web. Can whales photosynthesize?
- 9 It's true that fish eat krill, but they can eat algae too. Placing fish here doesn't show that relationship.
- 10 Blue whales are planktivorous, which means they eat plankton. Are birds and fish considered plankton?
- 11 Remember that primary producers are at the *base* of the food web.
- 12 Remember that primary producers are at the base of the food web. Can krill photosynthesize?
- 13 It's true that blue whales eat microscopic algae, but because they are planktivorous, they can eat krill too. Placing blue whales here doesn't show that relationship.
- 14 Killer whales are the top consumer in this system. This means that they have no direct predators. Placing killer whales here gives them predators.
- 15 Correct!
- 16 Remember that primary producers are at the *base* of the food web.
- 17 Remember that primary producers are at the base of the food web. Can seals photosynthesize?
- 18 Seals are not the top consumers in this system.
- 19 It's true that blue whales eat krill, but because they are planktivorous, they can eat algae too. Placing blue whales here doesn't show that relationship.
- 20 Correct!
- 21 It's true that fish eat krill and algae, but are fish only eaten by the top consumer?
- 22 Killer whales are the top consumer in this system. This means that they have no direct predators. Placing killer whales here gives them predators.
- 23 Correct!
- 24 Killer whales are the top consumer in this system. This means that they have no direct predators. Placing killer whales here gives them predators.
- 25 Remember that primary producers are at the base of the food web. Can whales photosynthesize?
- 26 Remember that primary producers are at the *base* of the food web.
- 27 It's true that seals are eaten by the top consumer, but seals are carnivorous, so they wouldn't eat primary producers.

- 28 It's true that seals are eaten by the top consumer, but seals are carnivorous, so they wouldn't eat primary producers.
- 29 Blue whales are not the top consumers in this system.
- 30 It's true that birds eat fish, but they eat krill too. Placing birds here doesn't show that relationship.
- 31 It's true that blue whales eat krill and algae, but the only predators of blue whales are killer whales. Placing blue whales here gives them three predators.
- 32 It's true that seals eat fish, but seals only have one predator. Placing seals here indicates that they have two.
- 33 It's true that birds eat krill, but microscopic algae are too small for birds to eat.
- 34 Krill are herbivores. They only eat primary producers. Placing krill here indicates that they eat a consumer too.
- 35 Remember that primary producers are at the *base* of the food web.
- 36 Correct!
- 37 Remember that primary producers are at the *base* of the food web.
- 38 Seals are carnivorous so would they eat primary producers?
- 39 Correct!
- 40 Fish are not the top consumers in this system.
- 41 It's true that fish eat microscopic algae, but they can eat krill too. Placing them here doesn't show that relationship.
- 42 Remember that primary producers are at the base of the food web. Can fish photosynthesize?
- 43 Correct!
- 44 Krill are herbivores. They only eat primary producers. Placing krill here indicates that they eat a consumer too.
- 45 Krill are not the top consumers in this system.
- 46 It's true that birds eat krill, but microscopic algae are too small for birds to eat.
- 47 Killer whales are the top consumer in this system. This means that they have no direct predators. Placing killer whales here gives them predators.
- 48 Krill are herbivores. They only eat primary producers. Placing krill here indicates that they eat a consumer too.
- 49 Remember that primary producers are at the base of the food web. Can birds photosynthesize?