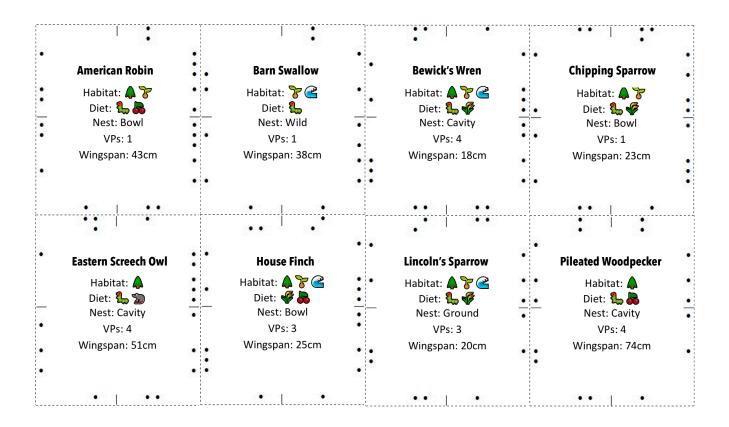# WINGSPAN

Wingspan, you own a bird aviary and try to collect the birds that will earn you the most victory points (VPs). Once, while playing a game, your board got knocked over and all your bird cards fell out of order. Fortunately, you remembered some things about the correct arrangement of the cards. Note: by 'adjacent' is meant only horizontal or vertical contiguity.

Cut out the cards below (along the dashes, the dots should be on the cards) and rearrange them to the proper game state to work out one way you can get extra victory points to win the game!

1. The birds formed a rectangle that was 2 birds wide and 4 birds high.
2. The bird that doesn't eat invertebrates was in the left column.
3. Each bird with a cavity nest was directly below a bird with a bowl nest.
4. The birds in the third row had exactly the same habitats.
5. Each bird that likes fruit was adjacent to another bird that likes fruit.
6. The first row had one wild nest and one bowl nest.
7. The bird with the ground nest was not adjacent to the bird with the wild nest.
8. The American Robin was in a different column than the Eastern Screech Owl.

Habitats:
🌲 – Forest
🌱 – Grassland
🌊 – Wetland

Food:
🐛 – Invertebrate
🌿 – Seed
🍒 – Fruit
🐟 – Fish
🐀 – Rodents

American Robin

Habitat: 🌲🌱
Diet: 🐛🍒
Nest: Bowl
VPs: 1
Wingspan: 43cm

Barn Swallow

Habitat: 🌱🌊
Diet: 🐛
Nest: Wild
VPs: 1
Wingspan: 38cm

Bewick's Wren

Habitat: 🌲🌱🌊
Diet: 🐛🌿
Nest: Cavity
VPs: 4
Wingspan: 18cm

Chipping Sparrow

Habitat: 🌲🌱
Diet: 🐛🌿
Nest: Bowl
VPs: 1
Wingspan: 23cm

Eastern Screech Owl

Habitat: 🌲
Diet: 🐛🐀
Nest: Cavity
VPs: 4
Wingspan: 51cm

House Finch

Habitat: 🌲🌱🌊
Diet: 🌿🍒
Nest: Bowl
VPs: 3
Wingspan: 25cm

Lincoln's Sparrow

Habitat: 🌲🌱🌊
Diet: 🐛🌿
Nest: Ground
VPs: 3
Wingspan: 20cm

Pileated Woodpecker

Habitat: 🌲
Diet: 🐛🍒
Nest: Cavity
VPs: 4
Wingspan: 74cm

Wingspan – Solutions

Here is the correct order for the cards:

Chipping Sparrow	Barn Swallow
Pileated Woodpecker	American Robin
House Finch	Bewick's Wren
Eastern Screech Owl	Lincoln's Sparrow

Now the bird cards spell out braille. The outermost dots don't pair with anything so these won't be relevant. Starting with the braille on the border between Chipping Sparrow and American Robin, then the braille on the Chipping Sparrow and Lincoln's Sparrow, then American Robin and Barn Swallow etc, this spells out USE VPS AS INDEX ORDER BY WINGSPAN.

Ordering the birds by wingspan gives: Bewick's Wren, Lincoln's Sparrow, Chipping Sparrow, House Finch, Barn Swallow, American Robin, Eastern Screech Owl, Pileated Woodpecker. Their VPs are 4, 3, 1, 3, 1, 1, 4, 4, so taking the fourth letter from Bewick's Wren, the 3rd letter from Lincoln's Sparrow etc spells out INCUBATE.