















## In the Beginning 13 – Activities

### LESSON ACTIVITIES

✓ **Further Understanding:** Investigation/Reasoning Skills

#### **Matching design with purpose**

Study the following chart, then cut into pieces the shape, type and purpose sections. Try to match the shape to the right type and then to the purpose.

Shape	Type	Purpose
	1. Cracker	Seed eaters like sparrows and cardinals have short, thick conical bills for cracking seed.
	2. Shredder	Birds of prey like hawks and owls have sharp, curved bills for tearing meat.
	3. Chisel	Woodpeckers have bills that are long and chisel-like for boring into wood to eat insects.
	4. Probe	Hummingbird bills are long and slender for probing flowers for nectar.
	5. Strainer	Some ducks have long, flat bills that strain small plants and animals from the water.
	6. Spear	Birds like herons and kingfishers have spear-like bills for fishing.
	7. Tweezer	Insect eaters like warblers have thin, pointed bills.
	8. Army knife	Crows have a multi-purpose bill that allows them to eat fruit, seeds, insects, fish, and other animals.
	1. Grasping	Raptors like Osprey use their large curved claws to snatch fish from the water.
	2. Scratching	Pheasants and other birds that scratch the soil for food have nail-like toes.
	3. Swimming	Ducks and other webbed lined swimming birds use their feet like paddles
	4. Perching	Robins have a long back toe, which lets them grab a perch tightly.
	5. Running	Many fast-running birds have three toes rather than four.
	6. Climbing	A woodpecker's hind toes enable it to climb without falling backward.

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✓ **Activity:** Make a bird nest

To demonstrate how God designed birds to function in certain ways and humans to function in other ways, try to build a bird's nest.

1. Examine the design of a simple bird nest.
2. Collect the type of materials the nest is made out of.
3. Try to weave a bird nest.
4. Think about why this is a difficult task for you but not for the bird.

✓ **Craft:** Balancing bird

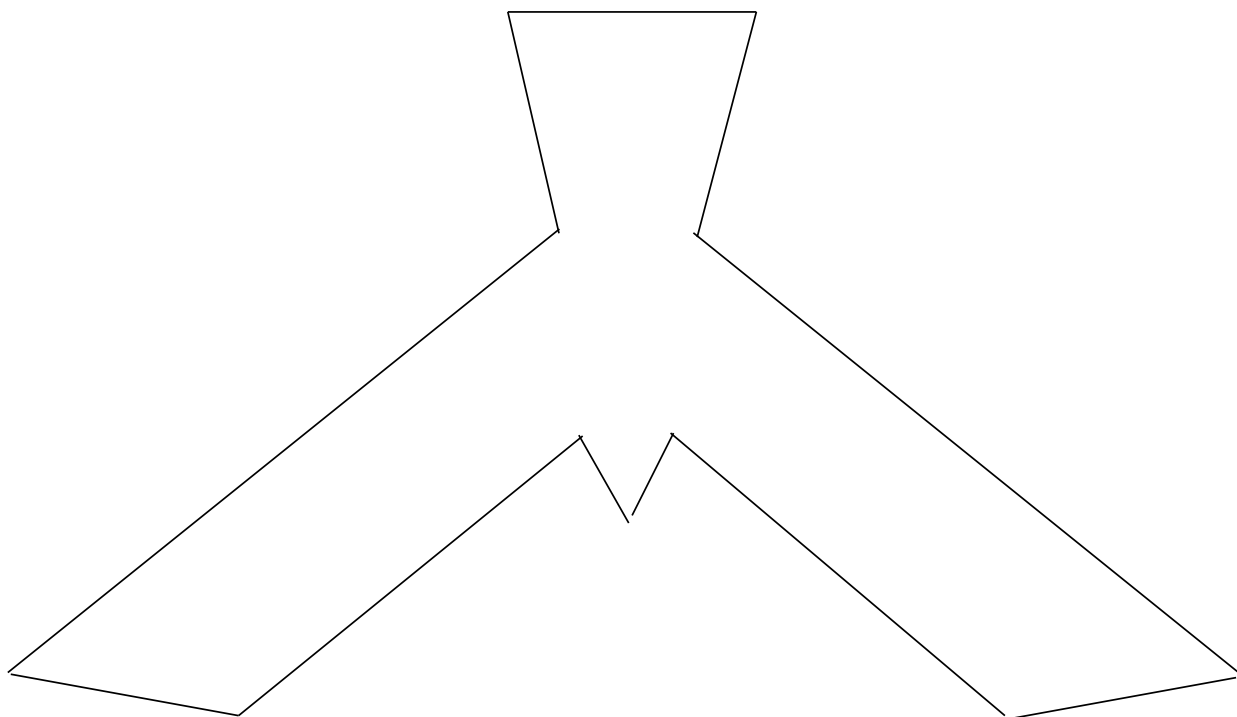
As a reminder that God designed birds according to a design, make a balancing bird.

Materials: card stock paper, scissors, color pencils, small paper clips

Preparation: Print off the bird on card stock paper.

Instructions:

1. Cut out the bird.
2. Color feathers on the bird.
3. Attach a small paper clip to the slanted end of each wing.
4. Balance the bird by the beak on the tip of a finger. Try to figure out what is the scientific principle that makes this work.



## In the Beginning 13 – Activities

✓ **Game:** Steal the Worm

As a reminder that God designed birds and that each type of bird is unique play a version of “Steal the Bacon.”

Instructions: Divide group into 2-4 even numbered teams. Line the teams up around the sides of the play area equal distance from a bean bag in the middle of the area. Assign each member of the teams the name of a specific bird (robin, jay, hawk, crow, owl, sparrow wren, dove, swan, seagull, duck, etc.). Each team will have all the same names as the other teams. When the leader calls out a bird name, the children from the different teams with that name run out to grab the worm (bean bag). When one child grabs it the others try to tag him before he gets the worm back past his team line. If the child gets the worm safely back his team gets the point. If he gets tagged the team of the child who tagged him gets the point.