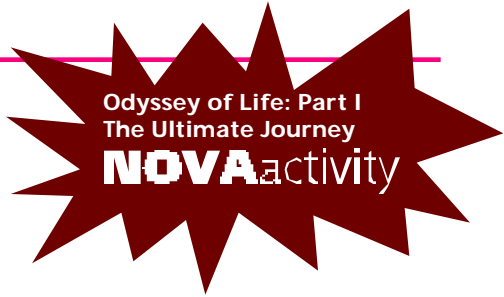


Timing Is Everything



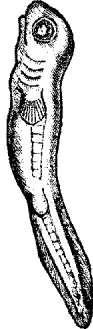
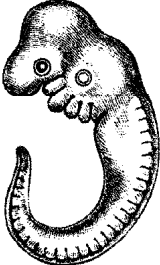
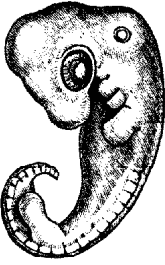
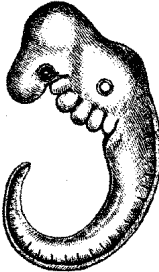



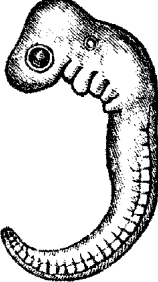
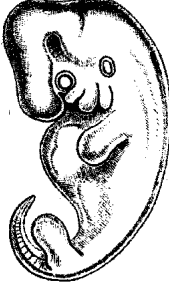
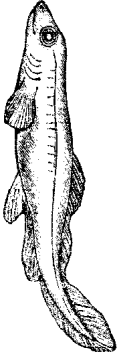
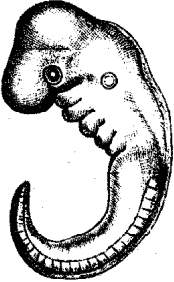
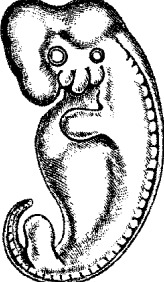
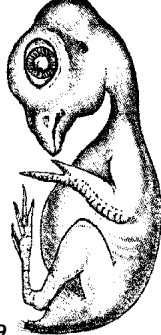
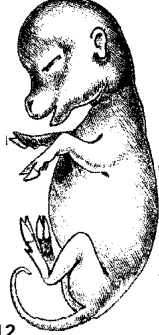
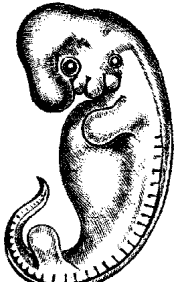
Can you tell a chicken from a fish? How about a human from a pig? Sure you can, you say. Chickens have wings, fish have fins, humans have arms, and pigs have hoofs. But what about when they are just starting to form? The drawings below represent three developmental stages of five different animals. They have been all mixed up—see if you can tell what's what.

Materials for each person:

- paper
- scissors
- pencil

1 Cut out the squares with illustrations of embryos below and see if you can correctly match the embryos with the animals, placing them in order from earliest to latest stages of development.

2 When you are done, write an explanation of why you ordered the drawings the way you did. What similarities do the drawings have? What differences? What, if any, trends do you see as you go from stage 1 to stage 3?

	fish	chick	pig	calf	human
stage 1	 1	 4	 7	 10	 13
stage 2	 2	 5	 8	 11	 14
stage 3	 3	 6	 9	 12	 15