

Group members: _____

Comparative Embryology Card Sorting

Cut out the illustrations of the embryos provided being careful to include the number in the bottom left corner. Correctly match the embryos with the animals in the grid, placing them in order from earliest to latest stages of development.

1. Write an explanation of why you ordered the drawings the way you did. What similarities do the drawings have? What differences?
2. What, if any, trends do you see as you go from stage 1 to stage 3?
3. How does comparative embryology provide evidence for evolution? (Hint: would these species develop similarly if they all originated independently?)
4. Fruit fly embryos and frog embryos differ from each other more than frog embryos and human embryos. What does this tell us about how closely related the species are? Explain.

	fish	chick	pig	calf	human
stage 1					
stage 2					
stage 3					

