**bio-** = life (biosphere: all the environments on Earth that support life); **-logy** = the scientific study of a subject (biology: the scientific study of life)

-ell = small (organelle: a membrane-bound structure that performs a specific function in a cell)

**eu-** = true; **karyo-** = nucleus (eukaryotic cell: a cell with a membrane-enclosed nucleus and other membrane-enclosed organelles)

**pro-** = before (prokaryotic cell: a cell that has no nucleus)

**tech-** = skill or art (technology: the practical application of scientific knowledge)

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Preview from 7 of 7
Page 7 of 7