

Spine Replacement Chart for Biology for the Logic Stage

The following is a chart that will assist you in replacing the *Kingfisher Science Encyclopedia* with the *DK Encyclopedia of Science* (DKEOS) and the *Usborne Science Encyclopedia* (USE). This is meant to be a temporary solution until the new edition of the *Kingfisher Science Encyclopedia* is released in October of 2017. With that in mind, there may be a few weeks where not all the questions are covered or the sketch is not clearly depicted on the replacement pages. If this happens, just use answers found in the teacher guide to cover the information with your students.

Week	Topic	Replacement Pages
2	Genes and Chromosomes	DKEOS pp. 364-365 Genetics
11	Trees	DKEOS pg. 317 (Conifers) USE pp. 256-257 (Older Plants)
12	Worms	DKEOS (Worms)
13	Cnidarians and Echinoderms	DKEOS pg. 320 (Jellyfish, Anemones, and Corals) DKEOS pg. 325 (Starfish and Sea Squirts)
14	Mollusks	DKEOS (Mollusks)
15	Arthropods	DKEOS pg. 322 (Arthropods)
16	Insects	DKEOS pg. 323 (Arthropods - Insects)
17	Fish	DKEOS pp. 326-327 (Fish)
18	Amphibians	DKEOS pp. 328-329 (Amphibians)
19	Reptiles	DKEOS pp. 330-331 (Reptiles)
20	Birds	DKEOS pp. 332-333 (Birds)
21	Mammals and Mitosis	DKEOS pp. 334-335 (Mammals) DKEOS pg. 362 (Growth and Development)
23	Migration	DKEOS pg. 381 (Migration and Hibernation)
24	Adaptation and Defense	DKEOS pg. 380 (Color and Camouflage)
26	Integumentary System	DKEOS pg. 354 (Skin)
27	Skeletal System	DKEOS pp. 352-353 (Skeletons)
28	Muscular System	DKEOS pg. 355 (Muscles)
29	Nervous System	DKEOS pg. 360 (Nerves) DKEOS pg. 361 (Brains)
30	Endocrine System	DKEOS pg. 351 (Hormones) USE pg. 363 (Hormones)
31	Circulatory System	DKEOS pg. 348 (Blood) DKEOS pg. 349 (Circulation)
32	Respiratory System	DKEOS pg. 347 (Breathing)
33	Digestive System	DKEOS pg. 344 (Teeth and Jaws) DKEOS pg. 345 (Digestion)
34	Urinary System	DKEOS pg. 350 (Excretion) USE pg. 362 (Balancing Act)
35	Immune System	DKEOS pg. 312 (Viruses) DKEOS pg. 313 (Bacteria) USE pp. 386-387 (Fighting Disease)