

**2016-2017 STATE OF FLORIDA INSTRUCTIONAL MATERIALS ADOPTION
STANDARDS ALIGNMENT
COURSE STANDARDS/BENCHMARKS (Form IM7)**

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COURSE TITLE: Science, Grade K
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BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST) (Include the student edition and teacher edition with the page numbers of lesson, a link to lesson, or other identifier for easy lookup by reviewers.)
SC.K.E.5.1:	Explore the Law of Gravity by investigating how objects are pulled toward the ground unless something holds them up.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 22–23 <i>Science Inquiry Book</i> 5. <i>Teacher’s Edition</i> T22–T23, T25a–T25b Physical Science: <i>Big Ideas Big Book, How Things Move</i> 18–19. <i>Teacher’s Edition</i> TT18–TT19.
SC.K.E.5.2:	Recognize the repeating pattern of day and night.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 4–5, 10–11, 12–13, 24–25. <i>Science Inquiry Book</i> 5, 13–15. <i>Teacher’s Edition</i> T2–T3, T3a–T3b, T4–T5, T9e–T9h, T9i–T9j, T9k–T9l, T10–T11, T12–T13, T13a–T13b, T13i–T13j, T13k–T13l, T24–T25.
SC.K.E.5.3:	Recognize that the Sun can only be seen in the daytime.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 4–5, 6–7, 8–9, 18–19, 24–25 <i>Science Inquiry Book</i> 9–11 <i>Teacher’s Edition</i> T1g–T1j, T4–T5, T6–T7, T8–T9, T9a–T9b, T9k–T9l, T13i–T13j, T18–T19, T24–T25, T25a–T25b
SC.K.E.5.4:	Observe that sometimes the Moon can be seen at night and sometimes during the day.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 4–5, 6–7, 8–9, 20–21, 24–25 <i>Science Inquiry Book</i> 4, 9–11 <i>Teacher’s Edition</i> T1g–T1j, T4–T5, T6–T7, T8–T9, T9a–T9b, T13i–T13j, T13k–T13l, T20–T21, T24–T25, T25a–T25b
SC.K.E.5.5:	Observe that things can be big and things can be small as seen from Earth.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 14–15, 16–17, 20–21 <i>Science Inquiry Book</i> 17–19 <i>Teacher’s Edition</i> T13e–T13h, T14–T15, T16–T17, T20–T21, T25a–T25b.

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SC.K.E.5.6:	Observe that some objects are far away and some are nearby as seen from Earth.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> 16–17, 18–19, 24–25 <i>Science Inquiry Book</i> 17–19 <i>Teacher’s Edition</i> T13e–T13h, T16–T17, T18–T19, T24–T25, T25a–T25b.
SC.K.L.14.1:	Recognize the five senses and related body parts.	Life Science: <i>Science Inquiry Book</i> 7–9, 35–36 <i>Teacher’s Edition</i> T1e–T1f, T1g–T1h, TT17g–TT17j Physical Science: <i>Big Ideas Big Book, Observing Objects</i> 5–7, 14–15 <i>Science Inquiry Book</i> 4 <i>Teacher’s Edition</i> T3a–T3b, T4–T5, T6–T7, T15a–T15b.
SC.K.L.14.2:	Recognize that some books and other media portray animals and plants with characteristics and behaviors they do not have in real life.	Life Science: <i>Teacher’s Edition</i> T3, TT3.
SC.K.L.14.3:	Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do.	Life Science: <i>Big Ideas Big Book, Animals</i> 4–24 <i>Big Ideas Big Book, Plants</i> 4–24 <i>Science Inquiry Book</i> 4–9, 22–23 <i>Teacher’s Edition</i> T1e–T1f, T1g–T1h, T4–T5, T6–T7, T7a–T7b, T7i–T7j, T7k–T7l, T8–T9, T10–T13, T14–T15, T15a–T15b, T15i–T15j, T15k–T15l, T16–T17, T18–T19, T20–T21, T22–T23, T24–T25, T25a–T25b, TT2–TT3, TT3a–TT3b, TT4–TT5, TT6–TT7, TT8–TT9, TT9a–TT9b, TT9i–TT9j, TT9k–TT9l, TT10–TT11, TT12–TT13, TT14–TT15, TT16–TT17, TT17a–TT17b, TT17k–TT17l, TT17m–TT17n, TT18–TT19, TT20–TT21, TT2.
SC.K.N.1.1:	Collaborate with a partner to collect information.	Life Science: <i>Science Inquiry Book</i> 29–31 <i>Teacher’s Edition</i> TT9e–TT9h. Physical Science: <i>Big Ideas Big Book, Observing Objects</i> 9, 11, 13, 15, 17, 19 <i>Science Inquiry Book</i> 13–15, 16–17, <i>Teacher’s Edition</i> T2–T3, T4–T5, T15e–T15h, T15i–T15j, T19e–T19h.
SC.K.N.1.2:	Make observations of the natural world and know that they are descriptors collected using the five senses.	Earth Science: <i>Science Inquiry Book</i> 21–22 <i>Teacher’s Edition</i> T25c–T25f. Life Science: <i>Science Inquiry Book</i> 7–9, 19–21, 35–36 <i>Teacher’s Edition</i> T1e–T1h, T25c–T25f, TT17g–TT17j. Physical Science: <i>Big Ideas Big Book, Observing Objects</i> 24 <i>Teacher’s Edition</i> T24–T25.
SC.K.N.1.3:	Keep records as appropriate -- such as pictorial records -- of investigations conducted.	Earth Science: <i>Science Inquiry Book</i> 13–15 <i>Teacher’s Edition</i> T1e–T1f, T9e–T9h. Life Science: <i>Science Inquiry Book</i> 30–31 <i>Teacher’s Edition</i> TT9g–TT9h. Physical Science: <i>Science Inquiry Book</i> 14, 18–19, 32–33 <i>Teacher’s Edition</i> T15g–T15h, TT19g–TT19h.

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SC.K.N.1.4:	Observe and create a visual representation of an object which includes its major features.	Life Science: <i>Science Inquiry Book</i> 11–13, 25–27. <i>Teacher’s Edition</i> T7e–T7h, TT1c–TT1f
SC.K.N.1.5:	Recognize that learning can come from careful observation.	Earth Science: <i>Science Inquiry Book</i> 9–11, 17–19. <i>Teacher’s Edition</i> T1g–T1j, T13e–T13h. Life Science: <i>Science Inquiry Book</i> 15–17, 32–33. <i>Teacher’s Edition</i> T3a–T3b, TT17e–TT17f. Physical Science: <i>Science Inquiry Book</i> 6–7, 8–9, 10–11, 12–13, 23–25, 27–29, 34–36. <i>Teacher’s Edition</i> T1e–T1f, T1g–T1j, T15e–T15h, TT1c–TT1f, TT11e–TT11h, TT25c–TT25f.
SC.K.P.8.1:	Sort objects by observable properties, such as size, shape, color, temperature (hot or cold), weight (heavy or light) and texture.	Physical Science: <i>Big Ideas Big Book, Observing Objects</i> 8–9, 10–11, 12–13, 14–15, 16–17, 18–19, 24 <i>Science Inquiry Book</i> 5, 16–17, 18–19 <i>Teacher’s Edition</i> T3a–T3b, T8–T9, T10–T11, T12–T13, T14–T15, T15a–T15b, T15k–T15l, T16–T17, T18–T19, T19a–T19b, T19e–T19h, T19k–T19l, T21, T25a–T25b.
SC.K.P.9.1:	Recognize that the shape of materials such as paper and clay can be changed by cutting, tearing, crumpling, smashing, or rolling.	Physical Science: <i>Big Ideas Big Book, Observing Objects</i> 22–24 <i>Teacher’s Edition</i> T19j, T22–T23, T24–T25, T25a–T25b.
SC.K.P.10.1:	Observe that things that make sound vibrate.	Physical Science: <i>Big Ideas Big Book, How Things Move</i> 20–24 <i>Science Inquiry Book</i> 21, 31, 32–33 <i>Teacher’s Edition</i> TT19e–TT19h, TT19j, TT19k–TT19l, TT20–TT21, TT22–TT23, TT24–TT25, TT25a–TT25b.
SC.K.P.12.1:	Investigate that things move in different ways, such as fast, slow, etc.	Physical Science: <i>Big Ideas Big Book, How Things Move</i> 5, 12–19, 24 <i>Science Inquiry Book</i> 21, 27, 28–29 <i>Teacher’s Edition</i> TT2–TT3, TT3a–TT3b, TT4–TT5, TT11e–TT11h, TT11i–TT11j, TT11k–TT11l, TT12–TT13, TT14–TT17, TT18–TT19, TT19a–TT19b, TT24–TT25.
SC.K.P.13.1:	Observe that a push or a pull can change the way an object is moving.	Physical Science: <i>Big Ideas Big Book, How Things Move</i> 6–11, 24 <i>Science Inquiry Book</i> 20, 22–23, 24–25, 27, 28–29 <i>Teacher’s Edition</i> TT1c–TT1f, TT2–TT3, TT3a–TT3b, TT6–TT7, TT8–TT9, TT10–TT11, TT11a–TT11b, TT11e–TT11h, TT13, TT14–TT15, TT24–TT25.
LAFS.K.RI.1.1:	With prompting and support, ask and answer questions about key details in a text.	Earth Science: <i>Big Ideas Big Book, Day and Night</i> p1-25 <i>Teacher Edition</i> WW4-WW6, T33-T43, T5, T7. Physical Science: <i>Big Ideas Big Book, How Things Move</i> p 1-25 <i>Big Ideas Big Book, Observing Objects</i> p 1-25 <i>Teacher Edition</i> T4-T15, T16-T19, T20-T25, TT2-TT11, TT12-TT19, TT20-TT25. Life Science: <i>Big Ideas Big Book, Animals</i> p 1-25 <i>Big Ideas Big Book, Plants</i> p 1-25 <i>Teacher Edition</i> T4-T7, T8-T15, T16-T25, TT4-TT9, TT10-TT17, TT18-TT25.

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LAFS.K.RI.2.4:	With prompting and support, ask and answer questions about unknown words in a text.	Vocab mini lessons are embedded in all lessons. For example: Earth Science: Teacher Edition T1h, T9f
LAFS.K.RI.4.10:	Actively engage in group reading activities with purpose and understanding.	Earth Science: Teacher Edition WW4-WW6, T33-T43, T5, T7 Physical Science: Teacher Edition T4-T15, T16-T19, T20-T25, T28-T43, TT2-TT11, TT12-TT19, TT20-TT25, TT28-TT43.
LAFS.K.SL.1.1:	Participate in collaborative conversations with diverse partners about kindergarten topics and texts with peers and adults in small and larger groups.	Earth Science: Teacher Edition T5, T7, T8, T44 Physical Science: Teacher Edition T1b, T10, T12, T14, TT44, TT4, TT6, TT9 Life Science: Teacher Edition T1b, T6, T10, T16
LAFS.K.SL.1.1a:	a. Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).	Earth Science: Teacher Edition T5, T7, T8, T44 Physical Science: Teacher Edition T1b, T10, T12, T14, TT44, TT4, TT6, TT9 Life Science: Teacher Edition T1b, T6, T10, T16
LAFS.K.SL.1.1b:	b. Continue a conversation through multiple exchanges.	Earth Science: Teacher Edition T5, T7, T8, T44 Physical Science: Teacher Edition T1b, T10, T12, T14, TT44, TT4, TT6, TT9
LAFS.K.W.3.8:	With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.	Earth Science: Teacher Edition T2-T3, T9i, T13i Physical Science: Teacher Edition T2-T3, T15i, T19i, TT2, TT11i, TT19i Life Science: Teacher Edition T2, T7i, T15i, TT2, TT9i.
MAFS.K.MD.1.2:	Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.	Physical Science: Teacher Edition T1g-T1j, T19i-T21.
MAFS.K.MD.2.3:	Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.	Physical Science: Big Ideas Big Book, Observing Objects p 8-24 Teacher Edition T8-T15, T19e-T19h.
ELD.K12.ELL.SC.1:	English language learners communicate information, ideas and concepts necessary for academic success in the content area of Science.	Earth Science: Teacher Edition T3a, T5, T8, T9g, T9k, T11, T13k, T15, T17, T19, T20, T34, T38, T43. Physical Science: Teacher Edition Tli, T3a, T5, T7, T11, TT3a, TT5. Life Science: Teacher Edition T5, T7k, T8, T11, T14, T17, T19, TT5, TT9g, TT9k, TT13, TT15.
ELD.K12.ELL.SI.1:	English language learners communicate for social and instructional purposes within the school setting.	Earth Science: Teacher Edition T3a, T5, T8, T9g, T9k, T11, T13k, T15, T17, T19, T20, T34, T38, T43. Physical Science: Teacher Edition Tli, T3a, T5, T7, T11, TT3a, TT5.
HE.K.C.1.5:	Recognize there are body parts inside and outside of the body.	Physical Science: Teacher Edition T3a-T3b, T6.