

Grade 2 TEKS

§112.13. Science, Grade 2, Adopted 2017.

(9) Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environment. The student is expected to:

- (A) identify the basic needs of plants and animals;
- (B) identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things; and
- (C) compare the ways living organisms depend on each other and on their environments such as through food chains.

(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

- (A) observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs;
- (B) observe, record, and compare how the physical characteristics of plants help them meet their basic needs such as stems carry water throughout the plant; and
- (C) investigate and record some of the unique stages that insects such as grasshoppers and butterflies undergo during their life cycle.

§110.4. English Language Arts and Reading, Grade 2, Adopted 2017

(6) Comprehension skills: listening, speaking, reading, writing, and thinking using multiple texts. The student uses metacognitive skills to both develop and deepen comprehension of increasingly complex texts. The student is expected to:

- (C) make and correct or confirm predictions using text features, characteristics of genre, and structures;
- (E) make connections to personal experiences, ideas in other texts, and society;
- (H) synthesize information to create new understanding; and
- (I) monitor comprehension and make adjustments such as re-reading, using background knowledge, checking for visual cues, and asking questions when understanding breaks down.

Grade 3 TEKS

§112.14. Science, Grade 3, Beginning with School Year 2010-2011.

(10) Organisms and environments. The student knows that organisms undergo similar life processes and have structures that help them survive within their environments. The student is expected to:

- (A) explore how structures and functions of plants and animals allow them to survive in a particular environment;

(B) explore that some characteristics of organisms are inherited such as the number of limbs on an animal or flower color and recognize that some behaviors are learned in response to living in a certain environment such as animals using tools to get food; and

(C) investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs.

§110.4. English Language Arts and Reading, Grade 3, Adopted 2017

(6) Comprehension skills: listening, speaking, reading, writing, and thinking using multiple texts. The student uses metacognitive skills to both develop and deepen comprehension of increasingly complex texts. The student is expected to:

(C) make and correct or confirm predictions using text features, characteristics of genre, and structures;

(E) make connections to personal experiences, ideas in other texts, and society;

(H) synthesize information to create new understanding; and

(I) monitor comprehension and make adjustments such as re-reading, using background knowledge, checking for visual cues, and asking questions when understanding breaks down.