ROUND ROCK
INDEPENDENT SCHOOL DISTRICT

*This document is no longer being updated and only serves as an additional resource. Please access DCAs in Performance Matters and unit order on Schoology or the K-12 At a Glance.

Elementary Science 3rd Grade Assessment Resources

(Note: Purple links contain district adopted, copyrighted materials and can only be accessed by RRISD employees.)

District Common Assessments (DCAs)

Student Online Testing Link-Teacher must activate and deactivate for each assessment.

Unit Name	Test Booklets - English	Test Booklet - Spanish	Answer Key
Classifying Matter & Mixtures	Unit 1	Unit 1 - Spanish	Unit 1 Answer Key
Structures and Functions	Unit 2	Unit 2 - Spanish	Unit 2 Answer Key
Formation of Soil & Resources	Unit 3	Unit 3 - Spanish	Unit 3 Answer Key
Environments & Food Chains	Unit 4	Unit 4 - Spanish	Unit 4 Answer Key
Life Cycles	Unit 5	Unit 5 - Spanish	Unit 5 Answer Key
Weather	Unit 6	Unit 6 - Spanish	Unit 6 Answer Key
Force, Motion, Magnetism & Gravity	Unit 7	Unit 7 - Spanish	Unit 7 Answer Key
Earth's Forces	Unit 8	Unit 8 - Spanish	Unit 8 Answer Key
Space	Unit 9	Unit 9 - Spanish	Unit 9 Answer Key
Changes from Heat & Mixtures	Unit 10	Unit 10 - Spanish	Unit 10 Answer Key
Forms of Energy	Unit 11	Unit 11 - Spanish	Unit 11 Answer Key

Assessment Item Bank: Items for formative assessment activities

Grade 3 Assessment Item Bank/Spanish

Assessment Resources by TEKS: Page Keeley Probes and Released STAAR Questions

3.5AB 3.5CD 3.6A 3.6B 3.6C

3.7AC 3.7B 3.8A 3.8BCD 3.9AB

3.10A 3.10B

Updated: 8/21/2019

ROUND ROCK
INDEPENDENT SCHOOL DISTRICT

STEMscopes

Login to STEMscopes

STEMscopes Assessments

Assessments can be created and shared in STEMscopes using selected response, open ended and writing prompt items for each TEKS in both English and **Spanish**. For detailed instructions, click the above link.

Resources for pre-, post-, or formative assessments.

- **Engage – Pre-Assessment** (selected response)
- **Explain – Progress Monitoring Assessment** (selected response)
- **Evaluate – Post Assessment** (selected response)
- **Evaluate – Writing Science!** (writing prompts)
- **Evaluate – Open-Ended Response Assessment** (open ended)
- **Intervention – Concept Attainment Quiz** (mixed)

Assessing Student Notebook Entries

- Questions to Ask Students About Notebook Entries / Spanish
- Checklist - Diagrams and Illustrations
- Checklist - Scientific Conclusion / Spanish
    - Writing Frame - Data Analysis

Science Formative Assessment: 75 Practical Strategies for Linking Assessment, Instruction, and Learning. Keeley, Page. Thousand Oaks, CA: Corwin Press and National Science Teachers Association Press. 2008. Instructional strategies to support formative assessment. One copy available in each elementary campus professional library. Strategies List

Science Formative Assessment (Volume 2): 50 More Practical Strategies for Linking Assessment, Instruction, and Learning. Keeley, Page. Thousand Oaks, CA: Corwin Press and National Science Teachers Association Press. 2008. Instructional strategies to support formative assessment. One copy available in each elementary campus professional library. Strategies List

Other Assessment Resources

3.5AB

- **Uncovering Student Ideas in Science: 25 Formative Assessment Probes Vol. 3, #2, p. 25-31, "Is It a Solid?" cards/ Spanish: Students distinguish solids from other states of matter and provide an argument for their position.** ***(Referenced in Lessons and Learning Experiences)***
- **Primary K-2 Formative Assessment Probe: Sink or Float?/ Spanish, p. 45-48: Students predict whether clay will sink or float based on its properties of mass and shape.**

3.5CD

3.6A

- RRISD Sound Energy Notebook Prompt / Spanish
- Mechanical Energy Assessment

Updated: 8/21/2019

- **Formative Assessment: Is it Mechanical Energy? Card Sort / Spanish**
- **Pg. 23, 25, 27 - Forms of Energy Open-Response Assessment - Region 13 K-4 Science Academy Lesson: Energy**

3.6B

- **3.6B - Released STAAR Assessment Items (English) / (Spanish)**
- **Pg. 25** - Performance Assessment: Forces at Work - Region 13 K-4 Science Academy Lesson: Force and Motion
- **Pg. 43 & 45 -** Open-Ended Response: Forces at Work - Region 13 K-4 Science Academy Lesson: Force and Motion
- **Forces Open Ended Assessment / Spanish**
- ***Force and Motion* Formative Assessment Probe: How Far Did It Go? #1, p. 15-17: Students identify the proper way to measure the distance a toy car travels.**
- ***Force and Motion* Formative Assessment Probe: Talking About Forces #14, p. 71-74: Students determine if pushes and pulls are forces and provide an explanation for their thinking.**
- ***Force and Motion* Formative Assessment Probe: Does it Have to Touch? #15, p. 75-78: Students predict if touch is required for a force to act upon an object and provide an explanation for their thinking.**

3.6C

***Force and Motion* Formative Assessment Probe: Apple on the Ground #35, p. 163-166: Students determine the force that causes apples to fall off trees.**

- **Fingers Under Chin strategy / Spanish**
- **Frayer Model strategy (individual, small group, or whole class) - *NOTE: The linked Frayer Model template is intended as a teacher guide. Following the Writing in Science Instructional Approach, students should create their own graphic organizers in their Science Notebooks rather than recording on a provided page.***

Formative Assessment Probe: Dropping Balls, Vol. 3, p. 77-82: Students investigate the effect of mass on the force of gravity (i.e., After measuring the mass of 3 balls, students predict which ball will reach the floor first.)

Primary K-2 Formative Assessment Probe: Big and Small Magnets, p. 87-90: Students determine whether the size of a magnet determines its strength when investigating the force of magnetism. *(revisit following an investigation)*

- **Sticky Bars strategy / Spanish**
- **Four Corners strategy (in this case, 3 corners) / Spanish**
-

3.7AC

- ***Formative Assessment Probe:* *Is It a Rock?* *(Version 1) Vol. 2, #20, p. 151-156: Students determine ways to classify an object as a rock.* Spanish**
- **Primary K-2 Formative Assessment Probe:** Describing Soil, p. 97-100: Students brainstorm a list of components found in soil. **Spanish**
-

3.7B

- **Assessing Student Notebook Entries**
- **Questions to Ask Students About Notebook Entries / Spanish**
- **Checklist - Diagrams and Illustrations**
- **Checklist - Scientific Conclusion / Spanish**
    - Writing Frame - Data Analysis

3.8A

-

3.8BCD

- **3.8D - Released STAAR Assessment Items (English) / Spanish**

3.9AB

- **Formative Assessment Probe: Habitat Change, Vol. 2, #19, p. 143-148: Students predict the effects to the animals in an environment following a drastic climate change. *(3.9BC)***
  - **Chain Notes strategy**
- **Performance Assessment: What is a Food Chain?**

  ***Exemplars Best of Science Exemplars, K-8.* (licensed to all elementary campuses)**

3.10A

-

3.10B

- **3.10B - Released STAAR Assessment Items (English) / Spanish**
- ***Life Science* Formative Assessment Probe: Is It an Amphibian? Vol.1, #4, p. 27-32: Students classify animals as amphibians and provide an explanation for their thinking.**
- **Formative Assessment Probe: Does It Have a Life Cycle? cards, Vol. 3, #14, p. 111-116: Students explain how to determine if an animal goes through a life cycle.**