



Science Activity Centers

Includes 26 center activities

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TEKS	Title	TEKS	Title
Category	Matter and Energy	5.8A	Weather vs Climate
5.5A	Properties of Matter: Observation Cards	5.8B, 4.8B	Water Cycle
5.5A, 3.5C	Solids, Liquids, Gases	5.8, 4.8C	Revolution & Rotation
3.6B	Forces "High Five"	5.8C	Effects of Earth's Rotation
5.5B	Separating Mixtures	5.8D	Characteristics of Earth, Moon, Sun
5.5C	Solutions & Mixtures Clue Card Hunt	4.7A	Soil Study
Category	Force, Motion and Energy	4.7C	Resources Rule
5.6ABC	Examining Energy	4.8A	Daily Weather Data
5.6A	Forms & Uses of Energy	Category	Organisms and Environments
5.6B	Electric Circuits	5.9AC, 3.9A	Biotic or Abiotic
5.6C	Reflection or Refraction	5.9AB	Ecosystems Tic-Tac-Toe
5.6D	Investigating Force & Motion	5.9BC	Food Web Work
5.6D, 3.6D	Forces "High Five"	5.9D	Earth's Processes Play
Category	Earth and Space	5.10A	Structures for Survival
5.7A	Earth's Processes Play	5.10B	Inherited or Learned
5.7B	Forces that Change the Landscape	3.10B	Life Cycles of Plants & Animals

For all materials:

- Laminate all materials before using for longer durability.
- Cut manipulative pieces apart and place in bags or envelopes for each center.
- Center Instruction Cards are provided.
- **KEYS** are provided for most activities.
- Use with small student groups to encourage scientific dialogue.
- Differentiate for the specific abilities of a student or group (Special Education, ELL, GT) by removing/adding manipulative pieces in each set.
- Provide reference materials for students to access content information.
- Encourage students to record key information from each activity in a science notebook/journal.
- Encourage students to generate additional examples for each activity set.



Organization tips:

- Separate activity sets from each other and label bags or envelopes with labels provided.
- Put full-page mats inside sheet protectors, this saves on pages to laminate.
- Put corresponding activity card set in a small bag or envelope and slide inside the sheet protector with the mat.
- Sheet protectors with card sets can be placed in binder or file to further organize materials by category or TEKS.
- Before laminating or cutting, mark the backs of cards with a symbol, color, sticker, etc. to differentiate all the pieces that belong to the same activity. Simple color dots or lines are easiest and help return "lost" cards to the right sets.