



# Science Cut Ups

## Science Activity Centers

Includes **34** center activities

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Not reproducible

| TEKS     | Title   | TEKS     | Title   |
|----------|---|----------|---|
| Category | Matter and Energy   | Category | Earth and Space   |
| 5A       | Match Mates-Particles of Matter, Elements & Atoms   | 7A       | Seasons   |
| 5B       | Atoms: What's the Charge?   | 7B       | Moon Mission Breakout   |
| 5C       | Periodic Puzzler  | 7C       | Tidal Patterns,<br>Characteristics of Earth, Moon, Sun  |
| 5D       | Chemical Reactions  | 8A       | Components of the Universe,<br>Stars & the H-R Diagram  |
| 5E       | Conservation of Mass,<br>Picturing Physical & Chemical Changes  | 8C       | Electromagnetic Spectrum Stations   |
| Category | Force, Motion and Energy  | 8D       | Origins of the Universe   |
| 6A       | Match Mates-Force & Motion, Balanced &<br>Unbalanced Forces, Force & Motion Formulas,<br>Motion Graph Match | 9A       | Plate Tectonics-Evolution of a Theory   |
| 6B       | Changes in Motion-SVA   | 9B       | Pick-A-Plate, Plate Tectonics   |
| 6C       | Newton's Laws, Investigating Force & Motion,<br>Forces "High Five"  | 9C       | Topographic Maps  |
|          |   | 10ABC    | Weather Wise, Mapping the Weather   |
|          |   | Category | Organisms and Environments  |
|          |   | 11AB     | Biotic or Abiotic, Ecological Succession,<br>Ecosystems Tic-Tac-Toe, Natural vs<br>Artificial Selection |
|          |   | 11C      | Ocean Systems Order   |

### 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** for most activities are provided.
- 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.