

Adopt an Element

Requirements: (68%)

- Use at least 3 sources
 - Record them on the Element Fact Sheet
- Complete the Element Fact Sheet

Flyer/poster/advertisement: (32%)

- The flyer must be from a 8.5" x 11" (standard printer paper size)
- It may be made of paper, cardstock, cardboard, etc.
- It must be neat and colorful
- You must include a slogan (catchy phrase)
- It must contain the following element information:
 - Element Name
 - Element Symbol
 - Atomic Mass
 - Atomic Number
 - Average cost per gram (you must cite this source)
 - State of matter at room temperature
 - Who discovered it
 - Slogan

| | |
|---|------------|
| 123 | 300.5 |
| <h1 style="font-size: 2em; margin: 0;">Gu</h1> | |
| <h2 style="font-size: 1.2em; margin: 0;">Gunkelide</h2> | |
| <p style="margin: 0;">Gunkelide is the most interesting element in the world!</p> | |
| <p style="margin: 0;">Cost: \$987 per gram</p> | |
| Gas | Jonny Chem |

Hints:

- This is a flyer/poster/advertisement that is supposed to make people want to adopt your element! Make sure you put time into it so it looks good and makes people want to look at it.
- There are bonus points available...
 - Super Clever Slogan
 - Looks Amazing
 - Looks Professional
 - Extra Information
 - Other

| | | |
|--|---|--|
| <p><u>Gunkelide</u></p> <p>Gunkelide is the most interesting element in the world!</p> <p style="font-size: 2em; margin: 0;">Gu</p> <p>Discovered by Jonny Chem in 1980</p> | <p><u>Interesting facts</u></p> <p>The most expensive element in the universe</p> <p>If it is taken in pill form, it will make you smarter</p> <p>It produces a bright green light when electricity is applied</p> | <p>Other cool information</p> <p>Atomic Number: 123 Atomic Mass: 300.5 State if matter: Gas Cost per gram: \$987 Boiling point: -45 °C Melting Point: -100°C Ion: Gu⁻³ # of p⁺ = 123 # of e⁻ = 123 # of n⁰ = 177</p> |
|--|---|--|

I got this idea from: <http://www.mpsaz.org/ssrc/staff/rbjones/class1/element/>

Adopt an Element

Score Sheet

Element Fact Sheet ____ / 14

| | | |
|---|--|--|
| <input type="checkbox"/> Element Symbol | <input type="checkbox"/> Atomic Mass | <input type="checkbox"/> Atomic Number |
| <input type="checkbox"/> Number of protons | <input type="checkbox"/> Number of electrons | <input type="checkbox"/> Number of neutrons |
| <input type="checkbox"/> Ion (written in proper notation) | <input type="checkbox"/> Who discovered it | <input type="checkbox"/> Name Origin |
| <input type="checkbox"/> State of matter at room temperature | <input type="checkbox"/> Melting point in °C | <input type="checkbox"/> Boiling point in °C |
| <input type="checkbox"/> Average cost <u>per gram</u> (you must cite this source) | <input type="checkbox"/> Element Name | |

 3 legitimate Sources ____ / 6

 5 interesting facts ____ / 5

Flyer/Poster/Advertisement

 8.5" x 11" paper/cardstock/etc..... ____ / 1

 Neat..... ____ / 2

 Colorful/inviting ____ / 2

 Slogan/Catchy phrase ____ / 2

 All required information..... ____ / 5

 Element Name Element Symbol Atomic Mass

 Atomic Number Who discovered it At least 1 interesting fact

 State of matter at room temperature

 Average cost per gram (you must cite this source)

 Ion (written in proper notation)

Bonus ____ / ?

Total ____ / 37

Adopt an Element

Element Fact Sheet

Element Name: _____

| | | |
|--|---------------------|---------------------|
| Element Symbol | Atomic Mass | Atomic Number |
| Number of protons | Number of electrons | Number of neutrons |
| Ion (written in proper notation) | Who discovered it | Name Origin |
| State of matter at room temperature | Melting point in °C | Boiling point in °C |
| Average cost <u>per gram</u> (you must cite this source) | | |

Interesting Facts

| | | |
|--------------------|----------|--|
| Interesting Fact 1 | Source # | |
| Interesting Fact 2 | Source # | |
| Interesting Fact 3 | Source # | |
| Interesting Fact 4 | Source # | |
| Interesting Fact 5 | Source # | |

Adopt an Element

Sources

Source 1: _____

Source 2: _____

Source 3: _____

Source 4: _____

Source 5: _____