Markdown Cheat Sheet

Headers

```
# Heading 1

## Heading 2

### Heading 3

#### Heading 4

##### Heading 5

##### Heading 6
```

Emphasis

```
**Bold Text**

*Italic Text*

***Bold and Italic Text***
```

Lists

Unordered List

- Item 1
- Item 2
 - Sub-item 1
 - Sub-item 2
- Item 3

Ordered List

- 1. First
- 2. Second
- 3. Third

Task List

- [x] Completed Task
- -[] Incomplete Task

Links

[Link Text](https://example.com)

Images

![Alt Text](https://example.com/image.png)

Blockquotes

> This is a blockquote.

Code

```
Inline Code: `print("Hello, World!")`
Code Block:
```python
def hello():
 print("Hello, world!")
```

### **Horizontal Rule**

---

### **Tables**

```
| Column 1 | Column 2 | Column 3 |
|------|-----|
| Row 1 | Data | More Data |
| Row 2 | Data | More Data |
```

### **Mathematical Expressions (LaTeX)**

Inline Math:  $(E = mc^2)$ 

Block Math:

\$\$

 $\label{eq:condition} $$ \int_0^\infty e^{-x^2} dx = \frac{\sqrt{\pi(\pi)}}{2} $$$ 

\$\$

#### **Task Lists**

- [x] Task 1
- -[] Task 2

## **Emoji**

:smile: :rocket: :tada: :sparkles:

# **Collapsible Section (HTML)**

```
<details>
 <summary>Click to expand!</summary>
 This is hidden text.
</details>
```

# **Inserting HTML**

```
<h2>This is an HTML header!</h2>
This is a paragraph styled using HTML.
```