1   Headings

2   Section

2.1   SubSection

2.1.1   SubSubSection

Paragraph

Subparagraph

3   Ordered list

1. Item 1
2. Item 2
3. Item 3

4   Unordered list

- Item
- Item
- Item

5   Math

Inline code such as $\int_a^b f(x)dx$ and also block level one

$$g(x) = \begin{cases} \frac{\partial}{\partial x} f(x) \\ \int_a^b f(x)dx \end{cases}$$

6   Code block

```cpp
1  #include "iostream"
2  #include <stdio.h>
3
4  void foo(const char* target) {
5      std::cout << target << std::endl;
6  }
7
8  int main () {
9      int x = 420;
```

Figure 1: Dragon

```
10        float y = 6.9f;
11        const char* str = "Hello World";
12
13        printf("%d\n", x);
14        printf("%2.1f\n", y);
15
16        foo(str);
17
18        return 0;
19  }
```

7   Text formatting

- *italic*
- **Bold**

8   Images