

```
user_preferences = {  
    "subjects": "AI Cognitive Architectures",  
    "learning_style": "Visual",  
    "challenge_level": "Moderate",  
}
```

```
# Extracting individual preferences
```

```
subjects = user_preferences["subjects"]
```

```
learning_style = user_preferences["learning_style"]
```

```
challenge_level = user_preferences["challenge_level"]
```

```
# Curriculum Design Prompt
```

```
CURRICULUM_DESIGN_PROMPT = f"""
```

Develop a semester-long curriculum tailored to student interests in {subjects}. Focus on incorporating diverse teaching methods suitable for a {learning_style} learning style.

The curriculum should challenge students at a {challenge_level} level, integrating both theoretical knowledge and practical applications. Provide a detailed structure, including weekly topics, key objectives, and essential resources needed.

```
"""
```

```
# Interactive Learning Session Prompt
```

```
INTERACTIVE_LEARNING_PROMPT = f"""
```

Based on the curriculum, generate an interactive lesson plan for a student of {subjects} that caters to a {learning_style} learning style. Incorporate engaging elements and hands-on activities.

```
"""
```

Sample Lesson Prompt

SAMPLE_TEST_PROMPT = f"""

Create a comprehensive sample test for the first week of the {subjects} curriculum, tailored for a {learning_style} learning style and at a {challenge_level} challenge level.

"""

Image Generation for Education Prompt

IMAGE_GENERATION_PROMPT = f"""

Develop a stable diffusion prompt for an educational image/visual aid that align with the {subjects} curriculum, specifically designed to enhance understanding for students with a {learning_style} learning style. This might include diagrams, infographics, and illustrative representations to simplify complex concepts. Ensure you output a 10/10 descriptive image generation prompt only.

"""