

AI Applied in WL Classrooms

Jigsaw Activity

Resources

Refer to this guide for assistance with prompts, especially if you're new to using AI.

[Starter Guide: Prompts for Teacher Tasks](#)

[AI in Communication](#)

[AI in Cultural Understanding](#)

[AI in Real World Application](#)

[AI in Comparisons](#)

[AI in Community Engagement](#)

Directions

Collaboratively brainstorm AI applications for each of the 5 Cs: Communication, Cultures, Connections, Comparisons, and Communities.

1. Start in your first breakout room.
2. Brainstorm AI activities for your respective C. You will have 7 minutes to complete the jigsaw activity in that room.
3. Rotate to the next room when prompted.
4. Review the ideas listed by the previous group. Add new ideas and insights, particularly in areas the previous group might have missed or not addressed.
5. Repeat until all 5Cs have been reviewed.
6. Reconvene in the main room for sharing.

Tips:

- Build on peers' ideas.
- Consider practicality and keep the diverse learning needs, styles, and backgrounds of students in mind.

AI in Communication

Arizona Standards Alignment: Focuses on improving students' ability to communicate effectively in multiple contexts.

AI-Enhanced Method: Use Generative AI to generate dialogues, reading passages, or even short presentations that teachers can use in their classrooms.

Sample Dialogue Generated by ChatGPT:



Teacher: ¿Cómo estás, ChatGPT?

ChatGPT: Estoy funcionando bien, gracias. ¿Y tú, cómo estás?

Teacher: Je vais bien, merci. Pouvez-vous m'aider à enseigner des phrases de base en français à mes élèves?

ChatGPT: Bien sûr, je serais ravi de vous aider. Voici quelques phrases de base en français:

Bonjour

Comment ça va ?

Merci

Au revoir

Teacher: Fantastico! Come posso integrare questa funzione nelle mie lezioni di lingua italiana?

ChatGPT: Puoi utilizzare ChatGPT per esercizi di conversazione, esempi di dialogo e anche per la creazione di scenari di vita reale per praticare la lingua.

Teacher: كيف حاله، ChatGPT؟

ChatGPT: أنا بخير، شكرًا. كيف حاله؟

Teacher: أنا بخير، شكرًا. هل يمكنك مساعدتي في تعليم بعض الجمل الأساسية باللغة العربية لطالبي؟

ChatGPT: بالطبع، سأكون سعيدًا بمساعدتك. إليك بعض الجمل الأساسية باللغة العربية:

مرحبًا

كيف حاله؟

شكرًا

وداعًا

Interpretative- Reading - Listening

Presentational- Writing - Speaking

Interpersonal- Communication

AI in Cultural Understanding

Arizona Standards Alignment: Fosters understanding and appreciation of other cultures, aiding in cultural competence.

AI-Enhanced Method: Leverage ChatGPT to provide cultural anecdotes, customs, and viewpoints related to the target language. Try Novice, Intermittent, and Advanced levels.



Sample Dialogue Generated by ChatGPT:

Teacher: ChatGPT, can you give us an example of a Chinese proverb that can help students understand Chinese culture?

ChatGPT: Certainly! An often-cited Chinese proverb is "Be not afraid of growing slowly, be afraid only of standing still."

Teacher: Great! How can this proverb be applied in real-life scenarios?

ChatGPT: This proverb encourages perseverance and progress, no matter how slow. It aligns well with Chinese values of hard work, resilience, and the importance of continuous improvement. It can be applied to various aspects of life such as learning a new language, acquiring a new skill, or even relationship-building.

I did not like the answer...

Regenerated answer

Teacher: ChatGPT, can you give my students an example of a cultural tradition in Japan?

ChatGPT: Absolutely! One significant cultural tradition in Japan is the "Tea Ceremony," also known as "Sado" or "Chanoyu." The tea ceremony is more than just drinking tea; it's a spiritual process that embodies philosophy, discipline, and a sense of aesthetics. Participants share Matcha, a powdered green tea, in a setting where every action is carefully choreographed. The ceremony reflects core Japanese values like harmony, respect, purity, and tranquility.

Teacher: How can I integrate this cultural insight into my language lessons?

ChatGPT: You can incorporate this information as a real-world example when teaching vocabulary and phrases related to traditions, etiquette, or spirituality. Moreover, you can initiate discussions around this cultural snippet to foster cross-cultural understanding and critical thinking in your students.

Novice

Intermediate

Advanced

AI in Real-World Application

Arizona Standards Alignment: Encourages the use of language for broader academic and career-related purposes.

AI-Enhanced Method: Use ChatGPT to create interdisciplinary lesson plans that involve other subjects but are taught in the target language.



How ChatGPT Helps in Building Interdisciplinary Connections:

Language and History: ChatGPT can generate dialogues that reflect historical events, providing a rich context for both language learning and historical understanding. .

Language and Literature: ChatGPT can simulate dialogues from famous pieces of literature, helping students grasp language nuances while appreciating the art of storytelling.

Language and Science: Use ChatGPT to generate scientific discussions or vocabularies, merging linguistic skills with scientific literacy.

Language and Social Studies: Generate conversations around social issues, helping students learn language in a context that also fosters civic awareness.

Language & Geography:
Use AI to provide real-time cultural and geographical context during language lessons.

Language and Art: Use the AI to describe art pieces or create artistic narratives, enhancing both language acquisition and art appreciation. .

Novice

Intermediate

Advanced

AI in Comparisons

Arizona Standards Alignment: Enhances the understanding of the language and culture being studied and one's own

AI-Enhanced Method: ChatGPT can generate comparison charts, summaries, or discussion prompts that encourage comparison.



Activity Type	Description	Learning Outcome
Dual-Culture Virtual Exchange	Use ChatGPT to simulate a conversation between a student and a peer from the target culture.	Deepens understanding of daily life in both cultures.
Idiom Comparison	ChatGPT generates idiomatic expressions from the target language. Students find equivalents in their own language.	Builds a bilingual idiom dictionary and enriches cultural context.
Holiday Traditions	ChatGPT generates a restaurant menu or shopping list in the target language.	Allows comparison of social norms, prices, and items.
Role-Playing Real-world Scenarios	ChatGPT generates a restaurant menu or shopping list in the target language.	Allows comparison of social norms, prices, and items.
Pronunciation Pair-up	ChatGPT provides a list of challenging words in the target language	Highlights pronunciation differences and similarities between languages.

Prompt 1: Brainstorm ways to extend the Dual-Culture Virtual Exchange activity. How could you use ChatGPT to simulate a week-long cultural immersion experience?

Prompt 2: Consider advanced language features like sarcasm, metaphor, or humor. How could ChatGPT's idiomatic expression generation be extended to capture these nuances?

Prompt 3: Think about the integration of multimedia. How could you combine ChatGPT's descriptions with video or VR to enrich the holiday traditions comparison?

Integrating multimedia such as video and VR into a holiday traditions comparison involving ChatGPT's descriptions can create a more immersive and engaging experience for users. Here are some ideas on how to combine textual descriptions with multimedia to enrich the comparison:

Virtual Reality (VR) Tours:

- Create a VR experience where users can virtually visit different regions or countries to experience holiday traditions firsthand.
- Allow users to navigate through a 3D environment, with ChatGPT providing historical and cultural context through voice narration or text overlays.
- Use 360-degree videos or panoramic images to showcase local decorations, celebrations, and rituals.

Video Clips:

- Incorporate short video clips within the text to illustrate key aspects of holiday traditions. For example,

show clips of a Christmas market in Germany or Diwali celebrations in India.

- Use videos to demonstrate traditional food preparation, rituals, and performances.
- Combine these videos with ChatGPT's descriptions to provide a comprehensive understanding of each tradition.

Interactive Infographics:

- Develop interactive infographics that break down holiday traditions into visual components. For instance, users could click on elements like decorations, food, or customs, and get related videos and descriptions.
- Use animations and illustrations to visualize the evolution and significance of certain holiday traditions.

User-Generated Content:

- Encourage users to upload their own videos and photos of their holiday celebrations, enriching the comparison with real-world experiences.
- Allow ChatGPT to analyze and comment on user-submitted content, fostering a sense of community and shared traditions.

Augmented Reality (AR) Overlays:

- Create a mobile app or platform that users can access with their smartphones or AR glasses to superimpose relevant information on their physical surroundings.
- ChatGPT can provide context and insights through AR overlays while users explore holiday decorations or participate in festivities.

Interactive Maps:

Develop interactive maps that highlight the geographical spread of various holiday traditions. Users can click on map markers to access videos and descriptions of traditions from different locations around the world.

Guided VR Narratives:

Create guided VR narratives that take users on a journey through different holiday traditions, with ChatGPT serving as a virtual tour guide. Users can interact with the environment, ask questions, and receive personalized information based on their interests.

Gamified Experiences:

Turn the holiday traditions comparison into an educational game, where users must navigate VR or video scenarios and answer questions based on ChatGPT's descriptions. Gamification can enhance user engagement and learning.

Live Virtual Events:

Host live virtual events or webinars during which ChatGPT and experts can discuss and showcase holiday traditions in real time. Use live video streaming to bring holiday celebrations and demonstrations directly to users.

Prompt 4: Discuss the possibility of ChatGPT generating more complex real-world scenarios. For example, could it generate a script for a mock international negotiation?

Prompt 5: Consider linguistic anthropology. How could ChatGPT help students compare social dialects, jargon, or formal vs. informal language between cultures?

Social dialects are varieties of a language that are associated with different social groups. This can include groups based on factors such as region, class, ethnicity, or age. For example, in the United States, there are several social dialects of English, including African American English, Appalachian English, and Chicano English. Each of these dialects has its own unique features, such as pronunciation, grammar, and vocabulary.

Jargon is specialized language that is used by a particular group of people. It is often used to communicate complex concepts or ideas in a concise and efficient way. Jargon can be found in many different fields, such as law, medicine, academia, and business. For example, the legal jargon "habeas corpus" refers to a right to be brought before a judge or into court, especially when the defendant is being held illegally.

Formal vs. informal language is a distinction that is made in many cultures. Formal language is typically used in professional or academic settings, while informal language is used in more casual settings, such as with friends and family. Formal language is often characterized by its use of complex grammar and vocabulary, as well as its avoidance of contractions and slang. Informal language, on the other hand, is often characterized by its use of simpler grammar and vocabulary, as well as its use of contractions and slang.

Comparison of social dialects, jargon, and formal vs. informal language between cultures:

Social dialects

- Similarities: Social dialects exist in all cultures. They are a way for people to identify with their social groups and to express their unique cultural identities.
- Differences: The specific features of social dialects vary from culture to culture. For example, in some cultures, social dialects may be distinguished by their pronunciation, while in other cultures, they may be distinguished by their grammar or vocabulary.

Jargon

- Similarities: Jargon is used in all cultures to communicate complex concepts or ideas in a concise and efficient way.
- Differences: The specific jargon used in different cultures varies depending on the fields in which it is used. For example, the legal jargon used in the United States is different from the legal jargon used in Japan.

Formal vs. informal language

- Similarities: All cultures have a distinction between formal and informal language. Formal language is typically used in professional or academic settings, while informal language is used in more casual settings.
- Differences: The specific criteria that are used to distinguish between formal and informal language vary from culture to culture. For example, in some cultures, the use of certain words or phrases may be considered informal, while in other cultures, the same words or phrases may be considered perfectly acceptable in formal settings.

Here are some specific examples of how social dialects, jargon, and formal vs. informal language can vary between cultures:

Social dialects

- In the United States, the word "soda" is commonly used in the Northeast, while the word "pop" is commonly used in the Midwest.
- In the United Kingdom, the word "lift" is commonly used to refer to an elevator, while the word "elevator" is more commonly used in the United States.
- In India, there are hundreds of different social dialects of Hindi, each with its own unique features.

Jargon

- In the United States, the legal jargon "habeas corpus" is used to refer to a right to be brought before a judge or into court, especially when the defendant is being held illegally.
- In Japan, the business jargon "nemawashi" refers to the process of building consensus and getting buy-in from stakeholders before making a major decision.
- In India, the medical jargon "ayurveda" refers to a traditional system of medicine that has been practiced in India for thousands of years.

Formal vs. informal language

- In the United States, it is considered formal to say "good morning" to a stranger, while it is considered informal to say "howdy."
- In Japan, it is considered formal to use the honorific suffix "-san" when addressing someone, while it is considered informal to omit the honorific suffix.
- In India, it is considered formal to use the greeting "namaste" when greeting someone, while it is considered informal to simply say "hello."

It is important to note that the distinctions between social dialects, jargon, and formal vs. informal language are not always clear-cut. There can be overlap between these categories, and what is considered appropriate in one context may not be considered appropriate in another context. For example, the use of certain slang terms may be considered informal in a professional setting, but they may be perfectly acceptable in a social setting.

It is also important to remember that language is constantly evolving, and the distinctions between social dialects,

jargon, and formal vs. informal language can change over time. For example, the word "email" was once considered jargon, but...

AI in Community Engagement

Arizona Standards Alignment: Enhances the understanding of the language and culture being studied and one's own

AI-Enhanced Method: Use ChatGPT to create community engagement projects or virtual exchange sessions.



Community Aspect	AI Implementation	Benefits
Global Networking	Use ChatGPT to create a simulated international pen-pal experience for students.	Enables students to engage with diverse cultures and perspectives without leaving the classroom.
Local Outreach	Employ ChatGPT to generate bilingual promotional material for community events.	Expands community involvement in language and cultural events.
Parental Involvement	Use ChatGPT to auto-translate newsletters or updates to parents in their native languages.	Increases parental engagement and ensures better home-school communication.
Peer Learning	ChatGPT generates challenging discussion topics to fuel language-based debates or group activities.	Encourages peer-to-peer learning and deeper community interaction.
Cultural Celebrations	Use ChatGPT to generate scripts or factual background for cultural celebrations or festivals.	Educates the wider community about the cultural aspects of different languages.

Prompt 1: Global Networking - Discuss ways to use ChatGPT for international exchanges without travel. What kind of 'virtual trips' could you design?

Prompt 2: Local Outreach - Brainstorm how ChatGPT can help produce multilingual material to promote community events. Could it also assist in gathering feedback?

Prompt 3: Parental Involvement - Consider how ChatGPT could generate or translate communications to parents. How can we ensure that AI-generated translations maintain a personal touch?

Prompt 4: Peer Learning - Think of creative discussion topics or debate prompts generated by ChatGPT. How could these be tailored to current events or specific cultural themes?

Prompt 5: Cultural Celebrations - Imagine using ChatGPT to plan a school-wide or community-wide cultural festival. How could AI help make it more interactive and educational?

School-wide or Community-wide Cultural Festival Plan

Theme:

- Choose a theme for the festival. This could be a specific culture or region, or a more general theme such as "food," "music," or "art."
- Promote the festival to the school or community, and encourage people to participate in the planning process. This could be done through surveys, focus groups, or community meetings.

Activities:

- Brainstorm a list of activities that are relevant to the festival theme. These activities could be educational, interactive, or simply entertaining.
- Consider partnering with local businesses and organizations to help plan and execute the activities.

Exhibits:

- Identify and contact potential exhibitors. These exhibitors could include cultural groups, museums, businesses, and individuals.
- Provide exhibitors with guidelines for their exhibits, such as size requirements and content restrictions.

Performances:

- Identify and contact potential performers. These performers could include musicians, dancers, actors, and storytellers.
- Provide performers with information about the festival stage and audience.

Food:

- Consider offering food from different cultures at the festival. This could be done through food trucks, caterers, or volunteers from the community.
- Make sure to have a variety of food options available, including vegetarian and vegan options.

Multilingual support:

- Provide multilingual signage and translation services for the festival. This could be done through volunteers or through a professional translation company.

Logistical support:

- Develop a plan for setting up and taking down the festival.
- Consider renting equipment such as tents, tables, and chairs.
- Make sure to have a plan for security and emergency services.

Feedback collection:

- Collect feedback from attendees at the end of the festival. This feedback can be used to improve future festivals.

Sample activities and exhibits:

- Interactive cultural map
- AI-powered cultural quiz
- AI-generated cultural art
- AI-powered cultural translation
- Virtual reality experience of a different country
- Interactive language learning game
- Scavenger hunt that leads attendees around the festival and teaches them about different cultures
- Exhibit on the history of a particular culture
- Exhibit on the contributions of a particular cultural group to society
- Play, dance, or musical piece that represents a particular culture
- Interactive performance where the audience can participate in the story
- Food from different cultures

By following these steps, you can plan a school-wide or community-wide cultural festival that is informative, engaging, and inclusive.