

# Interdisciplinary - STEM

Level	Topics/ <u>Resources</u>	Essential Questions
Novice Low/Mid	<ul style="list-style-type: none"> <li>• Weather</li> <li>• Numbers and Punctuation</li> <li>• Computation</li> <li>• Metric System</li> <li>• Calendar</li> <li>• Time</li> </ul>	<ul style="list-style-type: none"> <li>• How does weather affect our lives, the clothing we wear, and the things we do for fun?</li> <li>• What are the weather differences in other hemispheres? Countries?</li> <li>• How does the concept of punctuality differ by country?</li> <li>• What do calendar formats in _____ tell about that culture?</li> </ul>
Novice High	<ul style="list-style-type: none"> <li>• Body Parts</li> <li>• Health/Fitness</li> <li>• History</li> <li>• Historical Timelines</li> <li>• Science</li> </ul>	<ul style="list-style-type: none"> <li>• How do we live a healthy lifestyle? How do others view a healthy lifestyle?</li> <li>• What impact do major historical events have on people's lives and the future of a country?</li> <li>• How are specific world events reflected on a timeline in (target country)?</li> <li>• What Latin derivatives are present in modern biology and medical terminology?</li> <li>• How are Greek and Latin part of chemical symbols?</li> </ul>
Intermediate Low	<ul style="list-style-type: none"> <li>• Health</li> <li>• Fitness</li> <li>• Science/Technology</li> <li>• History/Historical Timelines</li> </ul>	<ul style="list-style-type: none"> <li>• How do I live a healthy lifestyle?</li> <li>• Who are innovators in science and technology?</li> <li>• How has the past impacted the present in the target culture?</li> </ul>
Intermediate Mid	<ul style="list-style-type: none"> <li>• Personal Technologies</li> <li>• Science/Medicine</li> <li>• Environmental Issues</li> </ul>	<ul style="list-style-type: none"> <li>• How do advances in science and technology impact my life today?</li> <li>• What is the relationship between humans and nature?</li> </ul>
Intermediate High /Advanced Low	<ul style="list-style-type: none"> <li>• Healthcare</li> <li>• Ethical Considerations</li> <li>• Treatment of the Elderly</li> <li>• Universal Healthcare</li> <li>• Use of Alcohol or Drugs</li> <li>• Current Research Topics</li> <li>• Inventions: Catalysts to Change</li> </ul>	<ul style="list-style-type: none"> <li>• What role do ethics play in scientific advances?</li> <li>• How have developments in healthcare affected our lives and the lives of others globally?</li> <li>• How do issues of substance use/abuse affect healthcare?</li> <li>• How do developments in science and technology affect our lives?</li> </ul>