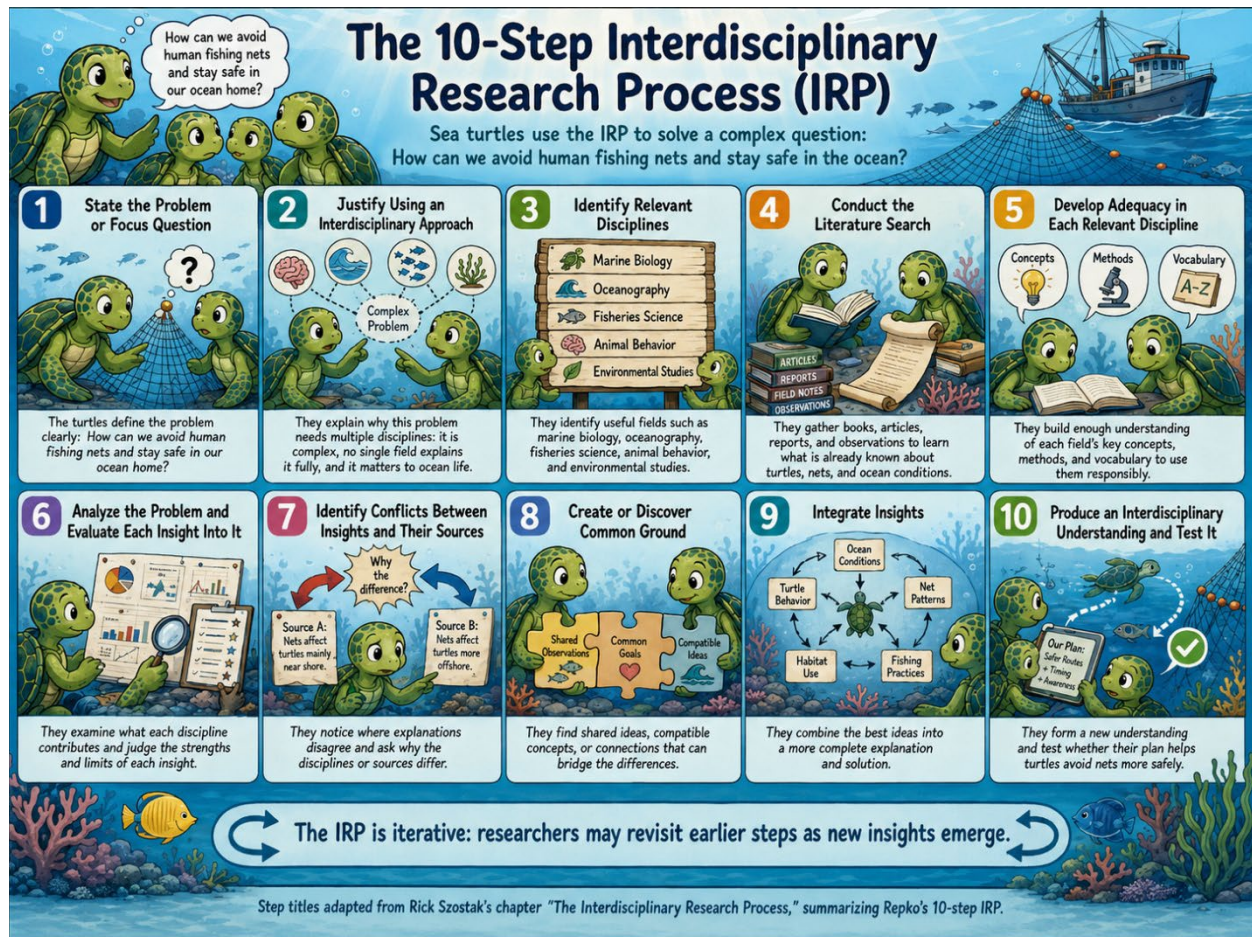




Visual Explanation

I created my visual by trying to think outside the box and choosing an idea that was both unique and important to me. Instead of creating an average/normal flowchart or simple image, I decided to go for a comic-style ocean scene showing sea turtles using the Interdisciplinary Research Process (IRP) to solve the problem of becoming trapped in fishing nets from humans. After deciding what my 10-step process would be, and the type of situation/scene, I then used ChatGPT for their image generation tool. I will have to say that it made a lot of errors when creating this comic image, so I had to make a couple of revisions. The visual also shows that the IRP is iterative because researchers may go back to the beginning if they find new problems or information.

Step 1: The turtles state their focus question: How can they avoid human fishing nets and remain safe?

Step 2: They justify using an interdisciplinary approach because the problem is complex and cannot be fully addressed by one discipline.

Step 3: The turtles identify relevant disciplines, including marine biology, oceanography, fisheries science, animal behavior, and environmental studies.

Step 4: They conduct a literature search using articles, reports, field notes, and observations.

Step 5: The turtles develop an understanding of each discipline's concepts, methods, and vocabulary.

Step 6: They analyze the problem and evaluate the strengths and limitations of each disciplinary insight.

Step 7: They identify disagreements or conflicts between the insights and their sources.

Step 8: The turtles create common ground by finding shared ideas and compatible concepts.

Step 9: They integrate the disciplinary insights into a more complete understanding and possible solution.

Step 10: The understanding is tested, reflected on, and communicated by the turtles.

Reference

Repko, A. (2008). *Interdisciplinary research: Process and theory*. Thousand Oaks:
Sage.