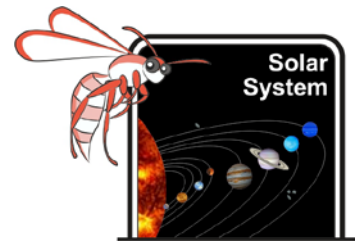


Sky Scavenger Hunt – Student Activity



Before publishing their findings, scientists ask fellow experts to read their work; this is called *peer review*. Scientists do this to make sure their findings make sense and are supported by their data. You might have done something similar when you ask a friend or family member to read over an essay to check for mistakes.



Unfortunately, not everything that appears on the Internet has undergone this process of peer review. It is therefore a good idea to consider the trustworthiness of where you source your information and name it when you present your information. Your school library should have an information sheet on how to tell people where you got your information from; this is called *citing your source*.

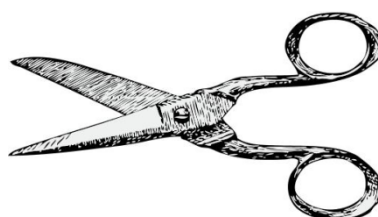
Task 1: Ready, set, research!

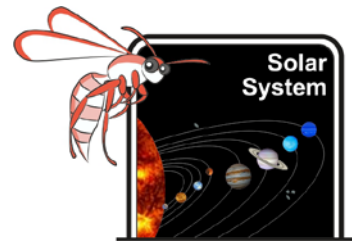
Materials

- Access to Internet and reference books
- Scissors and glue
- Questions worksheet
- Group peer reviewed findings worksheet

Method

1. In groups of three, cut the question table into strips, shuffle the strips, and give each group member three random questions to answer.
2. When told to start, each student uses the resources provided to answer just their three questions. Each person also needs to name the source of their information. You have just 10 minutes, so work fast!
3. After all group members have answered all of their three questions, trade your question strips so each person has a set of answered questions. Without talking to each other, check your group mates' answers using the internet and reference books. Try to find a second trustworthy source of information to confirm your group mates' answers.
4. If there are any answers that are questionable, discuss with each other why and how you could find more trustworthy answers.
5. When you are confident you have good answers, use the information your group has gathered to fill in the group peer reviewed findings sheet.
6. All group members sign off on their research.



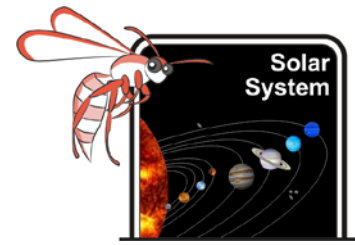


Sky Scavenger Hunt – Student Activity

All questions relate to our own solar system.

Questions (Three each)	Answers	Source
Which is the smallest planet and what is its diameter?		
Which is the largest planet and what is its diameter?		
Which planet would be able to float in a truly enormous bath of water?		
Which planets have rings?		
Which planets have moons?		
Between which planets does the Asteroid Belt lie?		
Which is the hottest planet and how hot is it?		
Which is the coldest planet and how cold is it?		
Which two planets show evidence of running water?		

Sky Scavenger Hunt – Student Activity



Group Peer Reviewed Findings

Question	Answer	Source	Researcher's signature
Which is the smallest planet and what is its diameter?			
Which is the largest planet and what is its diameter?			
Which planet would be able to float in a truly enormous bath of water?			
Which planets have rings?			
Which planets have moons?			
Between which planets does the Asteroid Belt lie?			
Which is the hottest planet and how hot is it?			
Which is the coldest planet and how cold is it?			
Which two planets show evidence of running water?			

Names of peer review group