



Subject: Science

Grade Level: Middle and High School

DI Strategy: RAFT

Heat Transfer RAFT

After learning about the three ways heat is transferred, I gave students a formative assessment to determine their current level of understanding. Based on the results of the assessment, I divided the students into 3 groups. When entering class the next day, they were each assigned to a specific group to complete their RAFT.

This assignment was meant to have students explain, in a unique way, how heat is transferred. Each of the roles was meant to challenge students, however, I have included options that are slightly easier than others.

Role	Audience	Format	Topic
The Sun	Plants	Commercial	Advertise the importance of your job
Fireplace	People living in a house	Advice column	Provide advice for how to use the heat you supply to heat their home
A person who ate a pasta dinner	Stove top	Thank you card	Thank the stove top for the role it played in cooking your dinner