

SCIENCE BEHIND THE EXPERIMENT:

Oil and water molecules are NOT attracted to each other. That is why they do not mix.

The egg molecules are attracted to, and bond with, both the oil and water molecules. This is called emulsion. That allows the water and oil to mix together.

ADDITIONAL ACTIVITIES:

Try other additives to see if they make oil and water mix. You can try butter, sugar, detergent, hair gel, body wash, or other ideas you may have.

Research emulsifiers in food.

