



GATEWAY REGION YMCA MIXTURES

Did you know milk and cream are a mixture? Mixtures are able to come apart, let's see if we can find out what mixes to make butter.

Supply List

- Heavy cream
- Jar with a tight seal

Instructions

1. Fill jar $\frac{1}{2}$ way with cream, SHAKE!
2. SHAKE!
3. SHAKE!

See how it begins to separate. Heavy cream is a mixture of milk and globules (little balloon-like clumps of fat). We can separate the cream to make milk and butter!

#gwrymcaSTEAM

gwrymca.org/steam-challenges



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