

# Searching for Life

Extreme-O-File Activity Pages

Name: \_\_\_\_\_



# Searching for Life

Group Definition of Life (Characteristics of living things):

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1. Compare the three cups of material before adding the hot water. Observe without touching or tasting any of the samples (smelling is okay, as is touching the outside of the cup). Circle the words you would use to describe each cup and draw each in the cup-shaped space below. Do any show any signs of life?

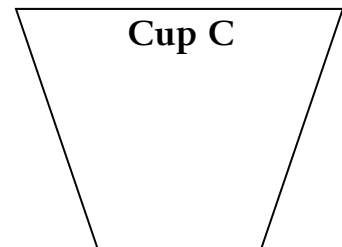
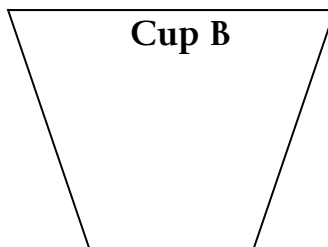
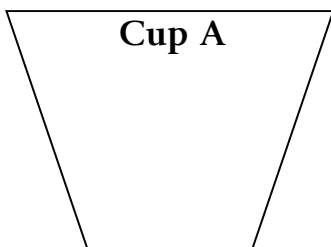
Cup A

growing	slushy	foamy	warm	cold	moving
shrinking	bubbly	smelly	(add your own description)		

Cup B

growing	slushy	foamy	warm	cold	moving
shrinking	bubbly	smelly	(add your own description)		

growing	slushy	foamy	warm	cold	moving
shrinking	bubbly	smelly	(add your own description)		



**2. After hot water is added:**

Observe without touching or tasting any of the samples (CAUTION: the water may be very hot). Write down and draw your observations for each cup below. Do any show any signs of life?

Cup A

Cup B

Cup C

**3. Final analysis: Wait at least 5 minutes after adding the hot water.** Observe without touching or tasting any of the samples (smelling is okay, as is touching the outside of the cup). Write down and draw your observations for each cup. Do any show any signs of life? **Circle the cup with the evidence for life.**

Cup A

Cup B

Cup C

**Group Definition of Life (Refined from this activity):**

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