

# Glue investigation

## My question

What will happen if I combine

,  and

to make  ?

## Materials

Draw and label the materials. Add words to describe their properties.

Go ahead and mix the glue.

My prediction		
Is the mixture strong enough to hold:	Yes (✓)	No (✓)
A plastic bottle top		
Fabric		
Aluminium foil		

What will happen if different glues are used to stick re-usable materials?

Which glue will be the strongest?

- ☐ The mixture
- ☐ The glue stick
- ☐ PVA

I predict that the best glue for sticking the re-usable materials will be

\_\_\_\_\_ because

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You now need to test the glues.

### Results

Record the results of the test in the table below by writing *stuck* or *did not stick*.

	Mixture	Glue stick	PVA
<b>Plastic bottle top</b>			
<b>Fabric</b>			
<b>Aluminium foil</b>			

### Evaluation

How could the glue mixture be used?

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How could the glue stick be used?

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How could the PVA glue be used?

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Which glue is the best for gluing the re-usable materials?

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### Apply science knowledge

Discuss these questions:

How do people use glue in their everyday lives?

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What would happen if there were no glues?

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Why are there different types of glue?

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What types of glues can you think of?

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