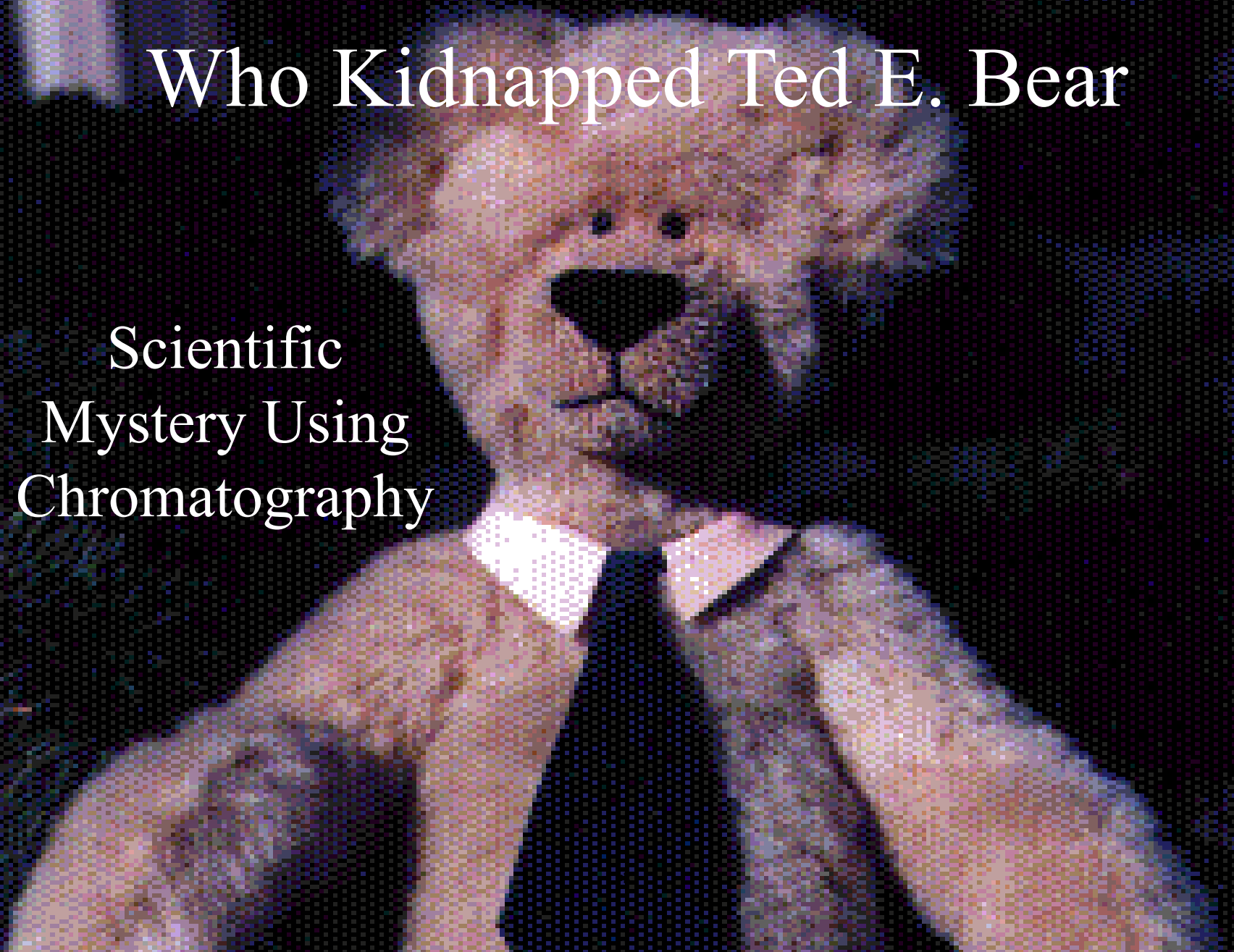


Who Kidnapped Ted E. Bear

Scientific
Mystery Using
Chromatography



Chromatography is the process that lets scientists separate a mixture into its different parts by their color.

This experiment will help you see what colors are mixed together to make each marker's ink.



A terrible thing has happened! 

Mr. Ted E. Bear has been
kidnapped.

The Three Suspects Are



Mr. Squirre Ell



Miss P.Q. Pine



Master Kyle Otey



We've received a

Ran**S**om **N**ot**E**

from the
kidnapper.

Dear Students.

I have taken Ted E.
Bear. If you are sly
enough to discover
who I am, You'll get
your bear back.

The Kidnapper

By comparing the dyes used in
each of the suspect's markers
against the ink of the,

Ran**S**om **N**ot**E**

we should be able to discover the
kidnapper's identity.

The Experiment

- Dip the edge of filter A's sample into the water for 10 seconds.
- Lay the sample on your chart under the correct heading.
- Repeat this for the other samples.

Complete the chart and draw
your conclusion.



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Adapted from:

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By Terry Healy

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