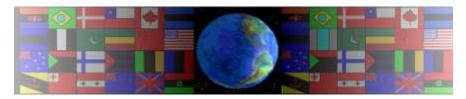
THERMISTORS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



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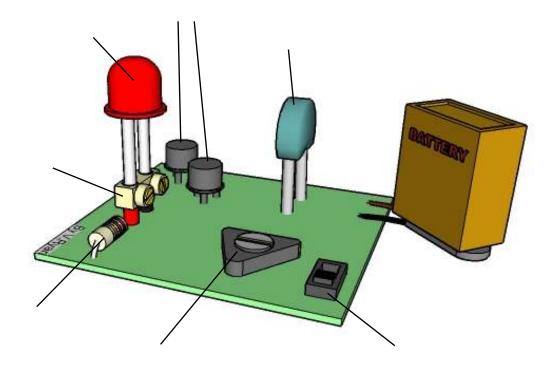
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SENSORS AND DARLINGTON PAIRS

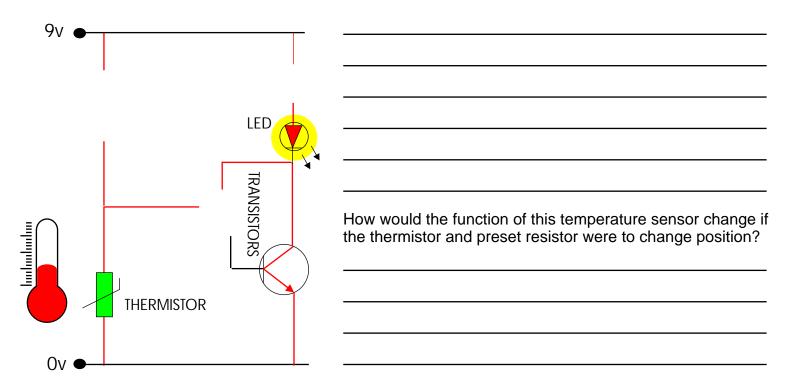
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The circuit shown below is a temperature sensor. Add labels to all the components



The circuit has two transistors. Why is this necessary?

The circuit diagram shown below is basically the same as the 3D drawing of the sensor circuit at the top of the page. Add the missing components and explain how the circuit works.



Draw another circuit diagram that includes a thermistor and explain its function and how it works.