

Student Worksheet

1) What are thermochromic materials?

2) How are they useful in relation to Mobile Phones?

3) Explain how thermochromic materials work

4) What is meant by the term critical temperature?



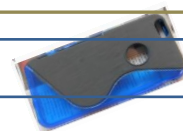
5) What factors can cause a change in a mobile phones temperature?

6) Explain how to make a thermochromic phone case

7) What factors need to be considered in deciding which thermochromic ink to use?

8) Was the phone case effective? Explain why

Recorded results:



"The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Funded by EU under the Erasmus+ KA2 grant N° 2014-1-IT02-KA201-003604_4

Version: 24/10/2017



All Matters of Matter (MOM) materials, this document included, belong to MOM authors (www.mattersofmatter.eu) and are distributed under Creative Commons [3.0 not commercial share alike](https://creativecommons.org/licenses/by-sa/3.0/) license as OER Open Educational Resources.