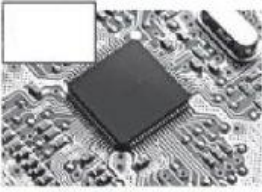


Rajah di bawah menunjukkan barangan yang dibuat daripada kaca dan seramik.
The diagram below shows items made from glass and ceramic.

							
	Botol/Bottle		Pasu/Vase		Atap rumah/Roof tiles		Tabung uji/Test tube
							
	Mikrochip komputer Computer microchip		Cermin mata Spectacles		Gigi palsu Dentures		Lampu elektrik Electric bulb

- 1 Tuliskan barangan kaca 'K' atau seramik 'S' dalam petak pada rajah di atas. TP1
Write glass 'G' or ceramic 'C' items in the boxes on the diagram above.

- 2 Kaca dan seramik mengandungi sebatian silikon. Lengkapkan jadual tentang kaca dan seramik.
The glass and ceramic contain silicon compounds. Complete the table about glass and ceramic. TP1

Aluminium <i>Aluminium</i>	Pasir <i>Sand</i>	Oksigen <i>Oxygen</i>	Silikon <i>Silicon</i>
Tanah liat <i>Clay</i>	Silikat (aluminium silikat) <i>Silicate (aluminium silicate)</i>		Silika/Silikon dioksida <i>Silica / Silicon dioxide</i>



Video

Jenis bahan <i>Types of substance</i>	Sumber <i>Source</i>	Sebatian silikon <i>Silicon compound</i>	Unsur-unsur <i>Elements</i>
(a) Kaca <i>Glass</i>			
(b) Seramik <i>Ceramic</i>			

- 3 Nyatakan jenis kaca./State the types of glass. TP1

Kaca soda kapur <i>Soda lime glass</i>	Kaca plumbum <i>Lead glass</i>	Kaca silika terlakur <i>Fused silica glass</i>	Kaca borosilikat <i>Borosilicate glass</i>
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Praktis Kendiri

Jenis kaca <i>Type of glass</i>	Ciri-ciri <i>Characteristic</i>	Kegunaan <i>Uses</i>
(a)	Tahan haba dan bahan kimia <i>Heat and chemicals resistance</i>	Kaca cermin mata <i>Glasses of spectacles</i>
(b)	Takat lebur rendah dan mudah dibentuk <i>Low melting point and easily shaped</i>	Botol dan kaca tingkap <i>Bottle and window glass</i>
(c)	Sangat tahan haba dan bahan kimia <i>High heat and chemicals resistant</i>	Alatan memasak dan tabung uji/Cooking utensils and test tubes
(d)	Sangat lutsinar dan indeks biasan tinggi <i>Very transparent and high refractive index</i>	Prisma dan barang perhiasan <i>Prisms and ornaments</i>



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