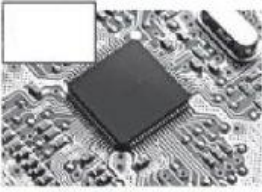
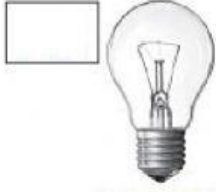


Rajah di bawah menunjukkan barangan yang dibuat daripada kaca dan seramik.
The diagram below shows items made from glass and ceramic.

							
	Botol/Bottle		Pasu/Vase		Atap rumah/Roof tiles		Tabung uji/Test tube
							
Mikro cip 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 Aluminium	Pasir Sand	Oksigen Oxygen	Silikon Silicon
Tanah liat Clay	Silikat (aluminium silikat) Silicate (aluminium silicate)		Silika/Silikon dioksida Silica/Silicon dioxide



Video

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

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

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

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



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