

Name _____ Date _____

Glass All Around

Look around you. What can you see that's made from glass?	11
Are there any windows around you? Those are glass. What about	22
lights? Light bulbs are also made from glass. Some parts of lamps	34
are glass, too.	37
Look at a television or computer screen. Those screens are	47
made of glass. Do you wear eyeglasses? The lenses of eyeglasses	58
are often made from plastic these days. However, they were	68
once made of glass. How about the things that juice is served in?	81
They're called glasses, too, even if they're not made from glass.	92
Did you know that many things you use every day are made of	105
glass? It's easy to take glass for granted!	113
Glass is made by melting together sand, washing soda,	122
and limestone. Sand by itself can be melted to make glass.	133
To melt, sand has to be heated to more than 3,000 degrees	145
Fahrenheit! Washing soda is added to lower the melting point	155
of sand to 1,650 degrees.	160
But glass made from only sand and washing soda will dissolve	171
in water! Limestone is added to make the glass strong. Often, bits	183
of broken glass are added as well. For thousands of years, people	195
have used this recipe to make glass.	202
Glass is amazing! It's made from natural materials and it's	212
fairly easy and cheap to produce. It can be recycled over and over.	225
What's more, glass objects can last for a very long time. Some have	238
lasted for thousands of years!	243
Glass is all around us. It's older than written history, and people	255
are still finding new uses for it. What would the world be like	268
without glass? It's hard to imagine!	274