Youtube Video: What's in your Smart Phone Name: Block:

A typical smart	phone contains about	(of	and		
mg of	. In 2014, the Au and Ag us	sed to manufac	cture phone	es, this year	alone	
cost more than	dollars	. You cannot d	lo anything	with your p	hone	
without a	. The power source is	probably com	posed of a		ion	
battery. They us	se a Lithium	-oxide for the o	cathode. Ca	athode's are	e the	
side of a battery. The negative side of the battery is usually						
c	or called the _	and i	t produces	electrons a	nd a	
cathode absorbs them which gives the juice to power your phone. Some phone						
batteries use	in place of cob	alt and all pho	ne batteries	and some	times	
your whole phone is encased in The smart phone screen contains some						
of the rarest elements on earth. Examples of rare elements in your cell phone screen						
is called	with the el	emental symb	ol	,		
with symbol of_		_ with symbol	and	d		
	with symbol	These al	l help produ	ice the		
on a smartphone						
lon strengthened glass is glass dipped in a bath of hot potassium(symbol) and						
salt (). Potassium ions squeeze themselves into holes left by						
This compresses the glass and makes it stronger. What puts the touch in touch						
screens are	()),		_() and		
(). They're used in a transparent film that						
electricity, so the touch screen can function. After smashing your phone open you will						

see another hidden chemistry world() is the main wiring in				
your phone as well as the tiny electrical components. Engineers also use a metal				
called and and				
electricity() is used to make the microchips of				
your phone, which are the brains of the whole operation. In the chip, it's combined				
with(),(), and				
(),() and				
() to produce a powerful, highly conductive chip.				