





		What Is a Second?		
Surely that's trivial – the Earth spins on its axis once a day, where				
1 day = 24 hours 1 hour	= 60 minutes	1 minute = 60 seconds		
So one second =	1 24 x 60 x 60			
=	1 86400	of one day.		
Simples!				
So that's the end of the talk? No. Let's look at how the Earth moves.				
UNIVERSITY OF LIVERPOOL		4		









Dr Steve Barrett

- 2 -







-3-

			An Inter	net Second		
<b>2019</b> This Is What Happens In An <b>Difference Minute</b>						
G <mark>oo</mark> gle	G NETFLIX 694,445	300,000 Texts/second	29 • Cognific • Appendie 390,030	1 State		
Sea	60,000 arches/second	600 SECONDS	75,000 Videos/secon	nd		
$\bigcirc$	700,000 Messages/sec	D Sond Er	,000,000 nails/second			
UNIVERSIT LIVERPO	Y OF OOL			13		













- 5 -









HLCO 9 Feb 2023









-7-