

## Smartphones

**Junior Inventors** Name: \_\_\_\_\_

**Smartphones**

Mobile phones is a term that puts cell phones and smartphones together. Wikipedia can show us some interesting data on the use of mobile phones worldwide. So just how many people are using mobile phones and where are they?

You need  
A calculator

Using the information below work out the percentage of the population using mobile phones in each country. To do this you need to divide the number of mobile phones by the number of people (population).

For example:

Country	Mobile Phones	Population
Nigeria	167,371,945	177,155,754

$167,371,945 \div 177,155,754 = 94.4\%$

So 94.4% (94 out of every 100 people) have mobile phone connections. If the percentage is over 100%, that means there are more active mobile phones than people in that country!

Complete the table:

Country	No. of Mobile Phones	Population	Percentage
India	1,003,490,000 <sup>(1)</sup>	1,295,291,543 <sup>(2)</sup>	
North Korea	2,000,000	24,451,295	
Singapore	8,106,700	5,396,000	
Turkey	68,000,000	75,627,384	
Ethiopia	18,000,000	88,000,000	
United States	307,577,828	317,874,828 <sup>(1)</sup>	

Junior Inventors activity sheet © Scooby 2015

### Lesson Sequence:

**Provocation:** Show an image of the earliest cell phone or a timeline of cellphone evolution. Discuss what features have changed to achieve the smartphone of today.



**Finding Out:** Together read the article, When Smartphones were Cellphones. Discuss how people managed without mobile phones before they were invented.

**Activity Sheet:** Students divide the number of mobile phones by the population to achieve a percentage of use in various countries.

**Reflect:** Discuss and record the pros and cons of mobile phone life.

## TIPS TO SUPERCHARGE YOUR LESSON

### Timeline

Ask students to contribute to a large wall timeline, identifying key events in the evolution of phones through to smartphones.

### Mapping

Locate the countries listed on the activity sheet on a world map.

### Persuasive Writing

Create advertisements for smartphones of the future.

