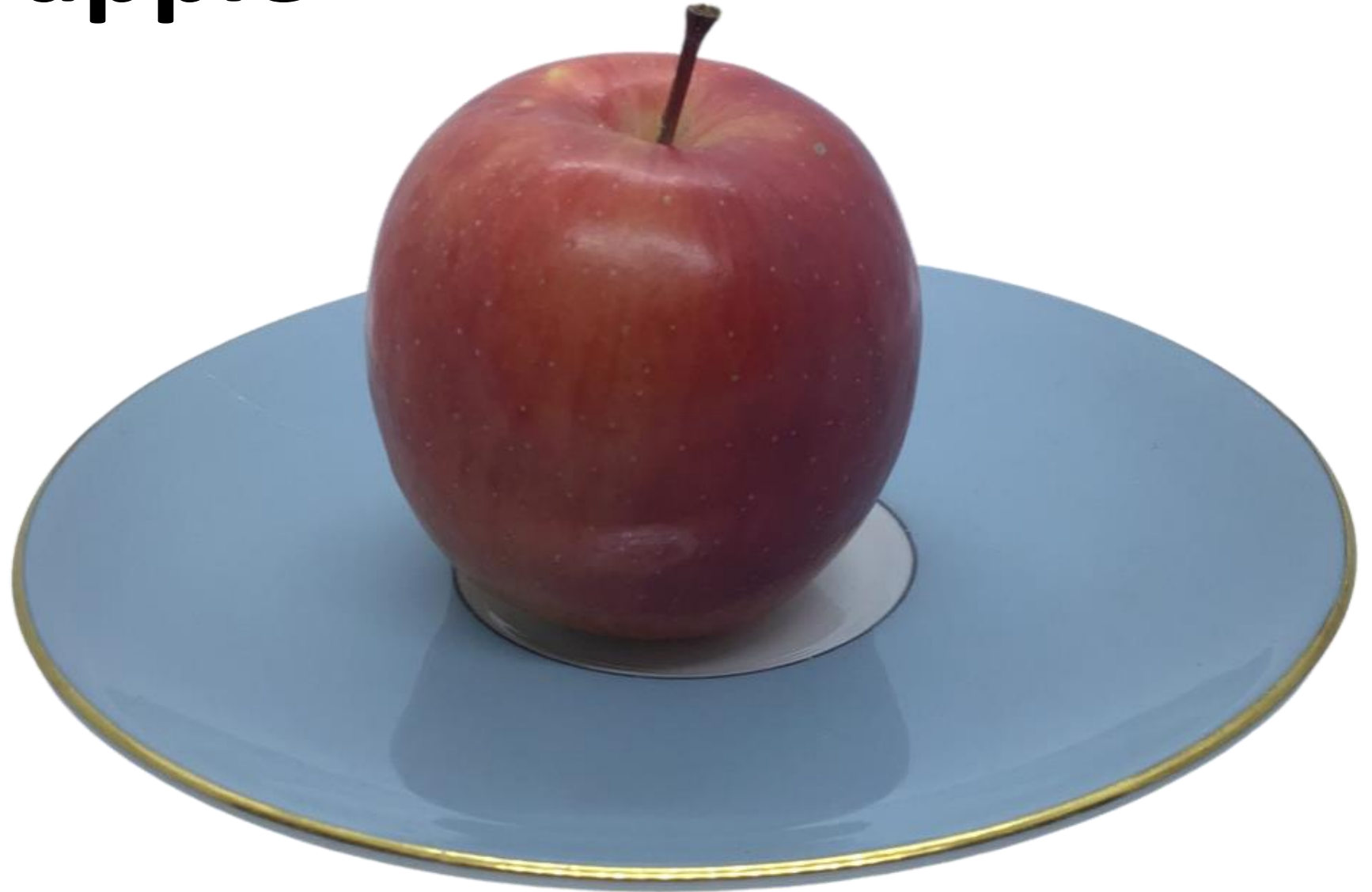


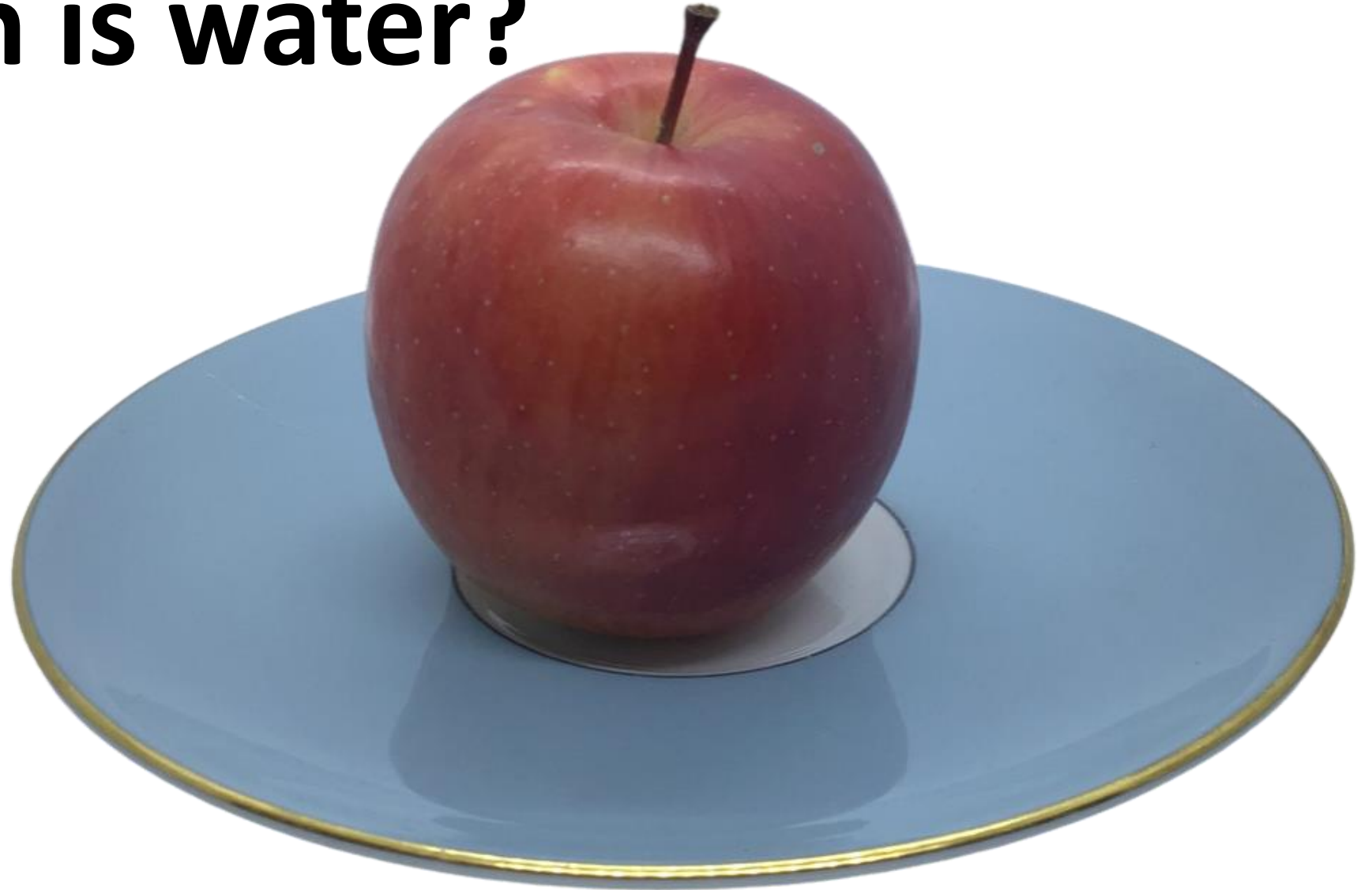
**If the world...**



**... was an apple**



**How much do you think is land?  
How much is water?**



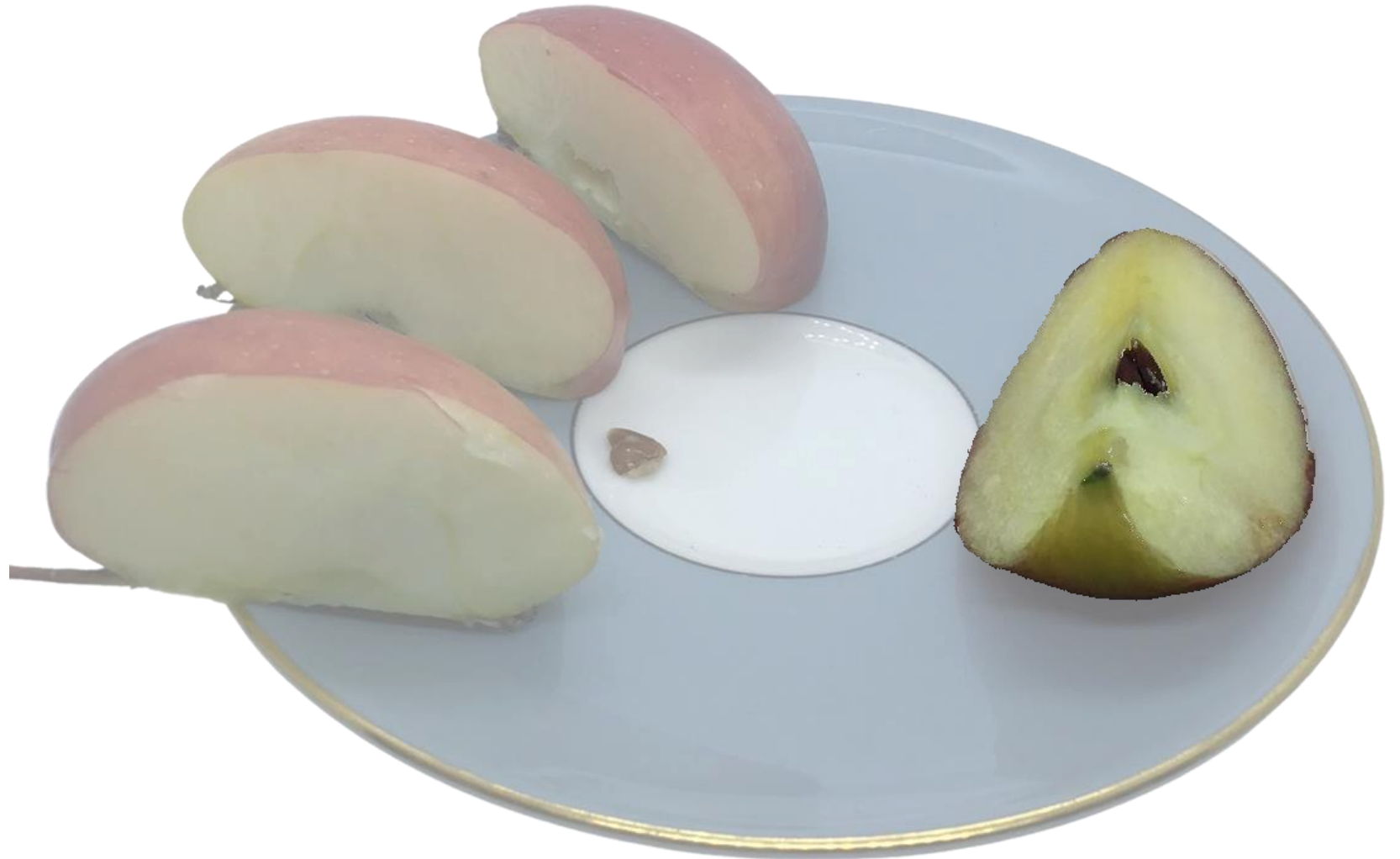
**Slice the apple into 4 equal pieces.**



**$\frac{3}{4}$  represent all the oceans, lakes,  
rivers and water on the Earth.**



**$\frac{1}{4}$  represents all the land on Earth.**



**Carefully slice the quarter that represents the land into two.  
This means you have  $2 \times \frac{1}{8}$ .**



**$\frac{1}{8}$  represents the ice, deserts and mountains on Earth.**

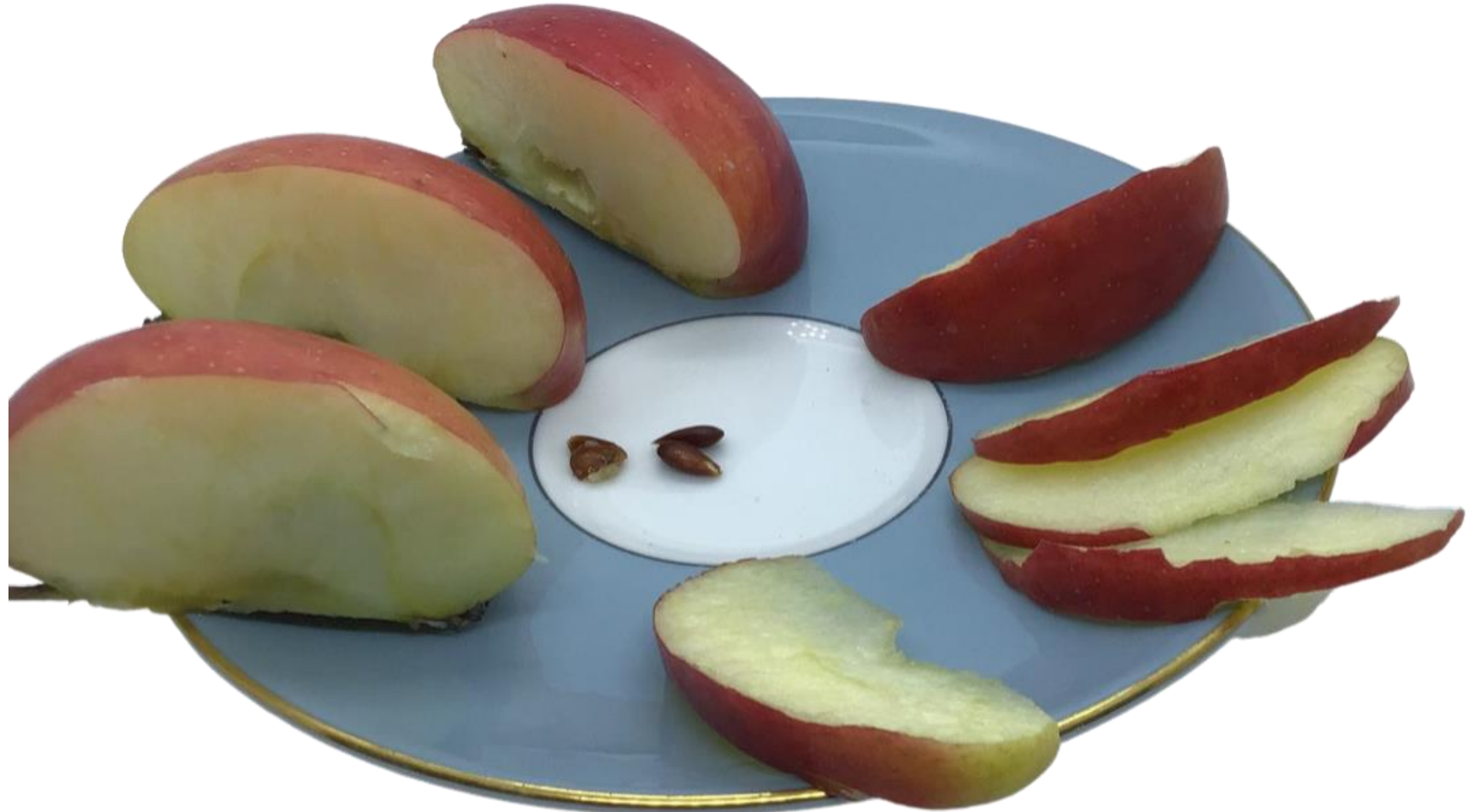




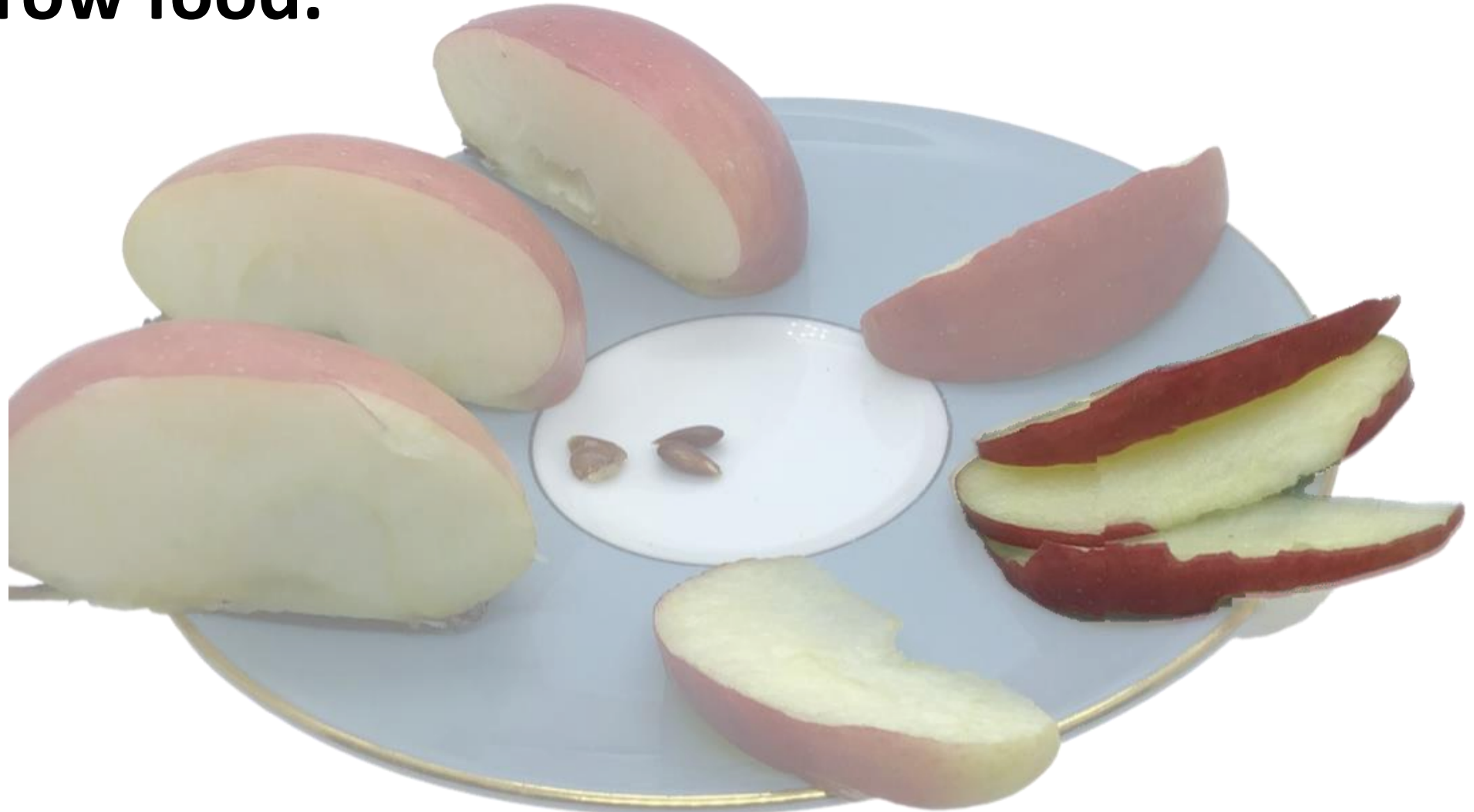
**The other  $\frac{1}{8}$  is the land that is left.**



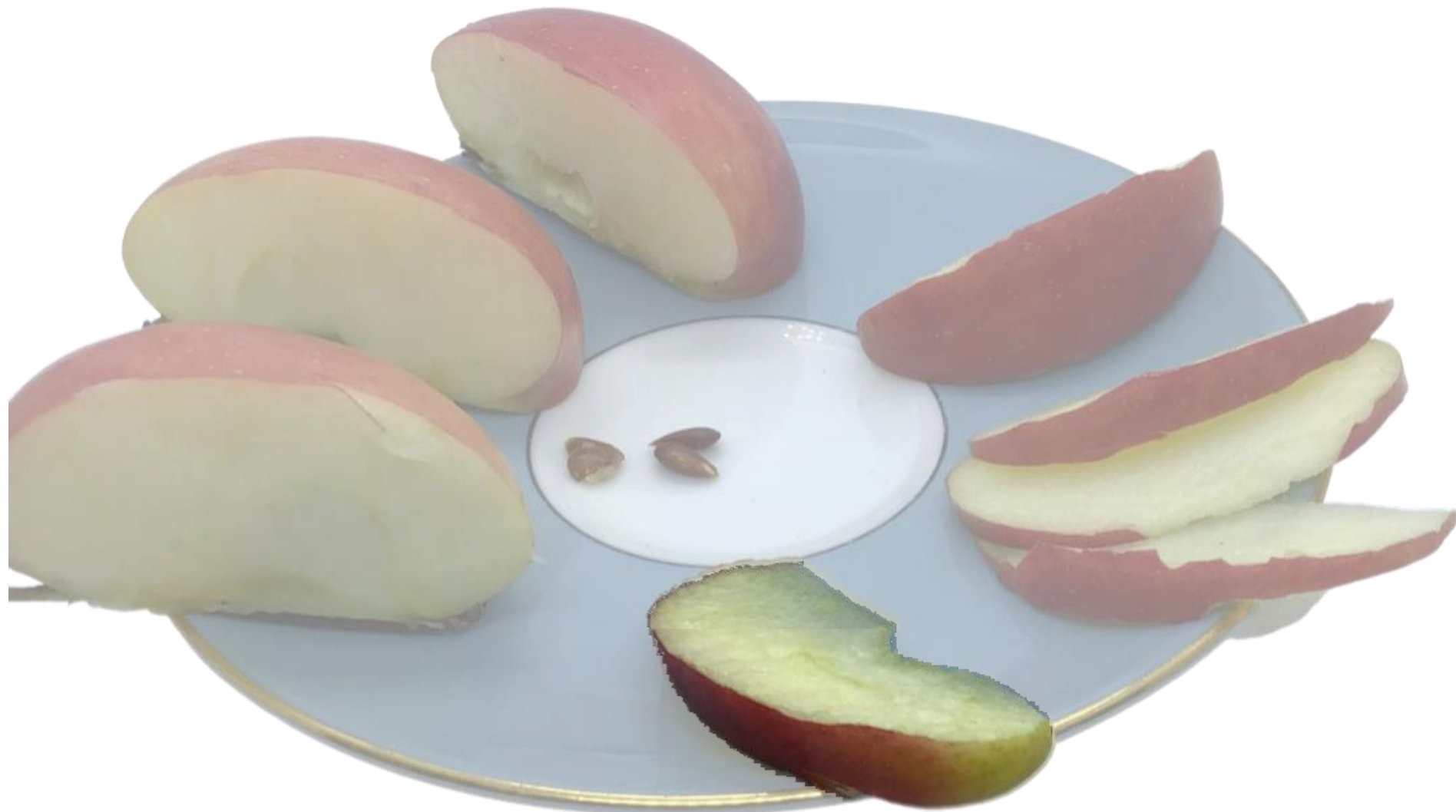
**Very carefully slice the land  $\frac{1}{8}$   
into four pieces – each piece is  
now  $\frac{1}{32}$ .**



**3 x  $\frac{1}{32}$  are too wet, cold, rocky, steep, have poor soil or are underneath houses and cities so cannot grow food.**



**$\frac{1}{32}$  is the only land that can grow food.**



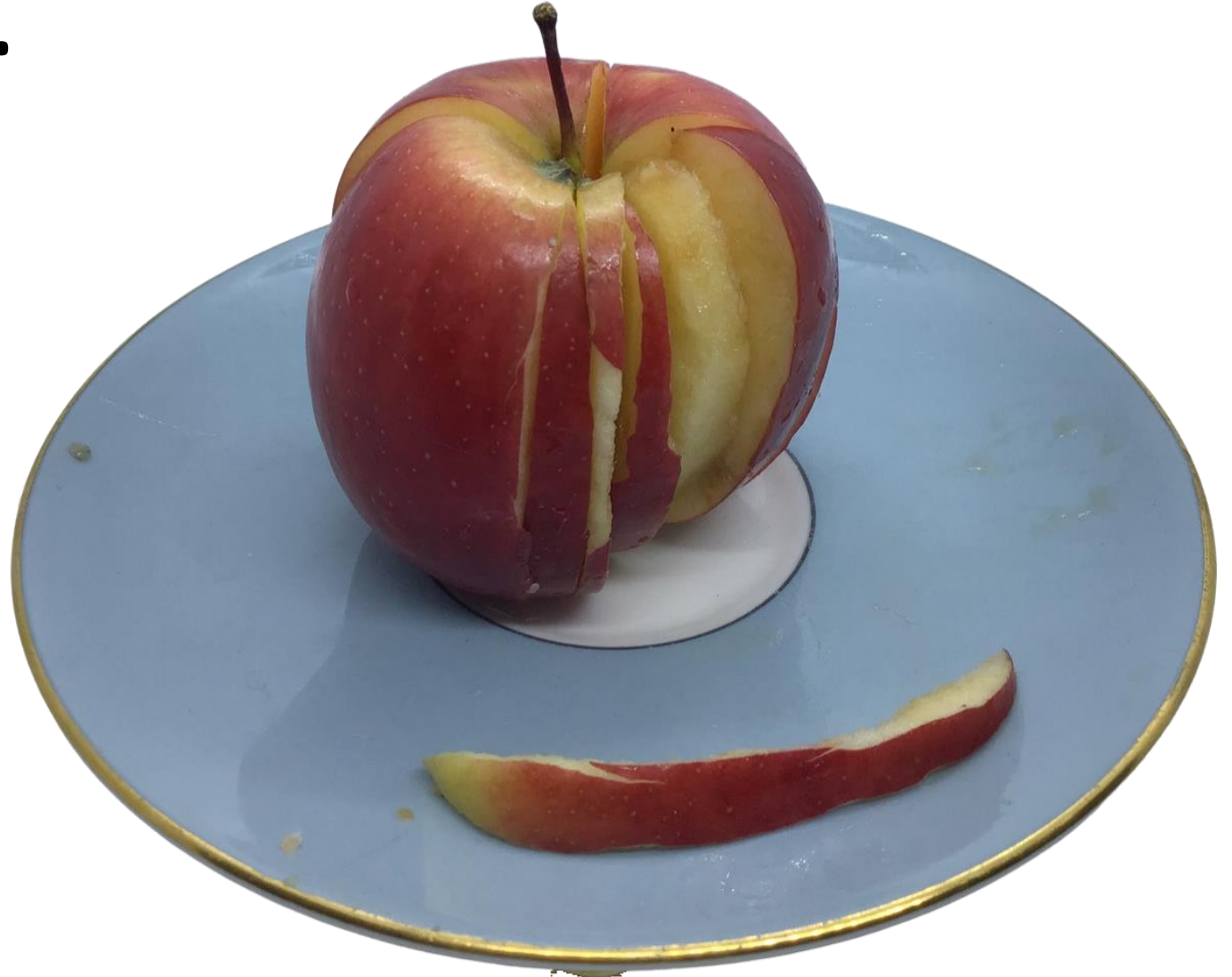
**Now, peel the skin from the apple. The peel represents the surface of the Earth that can grow food.**



**Most suitable land has only 150 cm (5ft) of soil that can grow food. This will produce all the food in the world.**



**Scientists are working to try and make this land grow more food with less harmless effects on the world.**



**They are trying to develop ways to grow more food in the same area to feed an ever-growing population.**

