

How does the melting of sea ice or land ice affect the sea level?

Required materials

- 2 transparent plastic cups or containers
- brown play dough divided in two parts (or rocks)
- ice cubes
- 2 glasses of water
- salt
- a tablespoon
- a marker
- a ruler
- a stopwatch
- a notepad and a pencil

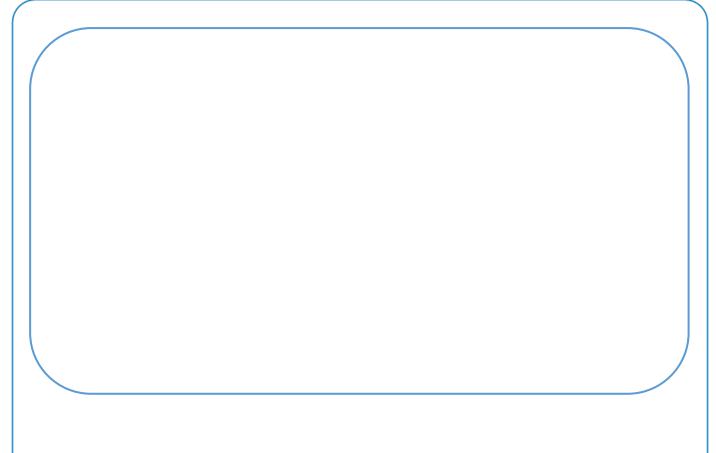
ı. Qı	uestions before performing the experiment	
1.	. What is sea ice, and where can we find it on Earth?	
2.	. What is land ice, and where can we find it on Earth?	

2. Watch the first video and perform the experiment

Follow the steps outlined in the tutorial video.

Draw a diagram of your experiment in the box on the next page.





3. Record your measurements

Fill the table.

Gla	ss 1: sea ice	Glass 2: land ice		
Time (min)	Water level (mm)	Time (min)	Water level (mm)	

escril	be what happ	penea auring i	the experimen	τ.			
200118	oc what happ		erre experimen				
		·					
. Sur	mmary						
ımm	arize the acti	vity by answe	ring the questi	ons: why, what a	nd how.		
1.	Why is it im	portant to un	derstand the in	npact of melting	sea ice and me	elting land ice o	n th
	willy is it iiii	portant to un	acistana the n	P 0			
	rising sea le		acristana tric n	, , , , , , , , , , , , , , , , , , ,			
2.	rising sea le	vel?		ions from the exp	periment?		
	rising sea le	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	ıl
	rising sea le What were How does the	vel? the key findin	gs or observat			erms of sea leve	·I
	rising sea le	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	·I
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	ıl
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	·I
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	ıl
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	·I
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:1
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	el
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	el
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	ıl
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	·I
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:1
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:1
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:1
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:I
	rising sea le What were How does the	vel? the key findin	gs or observat	ions from the exp		erms of sea leve	:1