

Ice and Glaciers

Amazing Fact

'Blood Falls', a meltwater waterfall at the foot of the Taylor Glacier in Antarctica, flows red so that it looks like the ice is bleeding.

Challenge

Read the sentences carefully and insert the correct key word.

1. New snow falls on the old snow, turning it to heavy ice. The layers of ice build up, forming _____.
2. In _____ areas, glaciers move slowly _____, melting as they go or moving into seas or lakes.
3. The East _____ Ice Sheet is 2.8 miles thick. _____ made of ice in Antarctica can be up to 160 feet high.
4. Ice sheets build up and never _____ in very _____ climates, such as Antarctica and Greenland.
5. At the front of a glacier is usually a pile of rubble known as _____.
6. _____ from glaciers sometimes melts, carving beautiful, slippery _____ of blue ice beneath the glacier. The ice caves are amazing, but incredibly _____ and _____.

Key Words

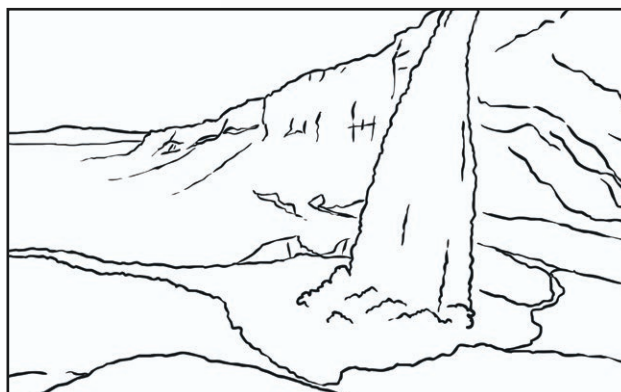
unstable	caves	dangerous	cold	melt	moraine
water	downhill	glaciers	warmer	Antarctic	cliffs

Challenge 2

Look for the key words in the word search provided.

You could also try to find out:

- if there are any pictures of 'Blood Falls';
- why the water flows red;
- where the Taylor Glacier is on a map;
- which other unexpected colours (other than white!) can be found in Antarctica.



Ice and Glaciers **Answers**

Challenge 1

1. glaciers
2. warmer, downhill
3. Antarctic, cliffs
4. melt, cold
5. moraine
6. Water, caves, unstable, dangerous

Ice and Glaciers

a b c d e f g h i j k l
m n o p a r c l i f f s
y m t b c n e f g c i j
k g o a o p g r s o u v
w l y r r w c e e l g h
a a k l a c a p r d s t
r c w x y i t t c o e f
m i c j k l n i e p u r
e e a m e l t e c r c s
r r v d o w n h i l l v
f s e t u n s t a b l e
c q s f g h i j k l m n

unstable
caves
dangerous
cold

melt
moraine
water
downhill

glaciers
warmer
Antarctic
cliffs

Ice and Glaciers - Answers

a	b	c	d	e	f	g	h	i	j	k	l
m	n	o	p	a	r	c	l	i	f	f	s
y	m	t	b	c	n	e	f	g	c	i	j
k	g	o	a	o	p	g	r	s	o	u	v
w	l	y	r	r	w	c	e	e	l	g	h
a	a	k	l	a	c	a	p	r	d	s	t
r	c	w	x	y	i	t	t	c	o	e	f
m	t	c	j	k	l	n	i	e	p	u	r
e	e	a	m	e	l	t	e	s	r	c	s
r	r	v	d	o	w	n	h	i	l	l	v
f	s	e	t	u	n	s	t	a	b	l	e
c	q	s	f	g	h	i	j	k	l	m	n

unstable	melt	glaciers
caves	moraine	warmer
dangerous	water	Antarctic
cold	downhill	cliffs