

Year 7

Geography

Unit 4 Floods

What causes floods.



Name _____

Group _____

Section 1:

What is a flood?

By the end of this section you will:

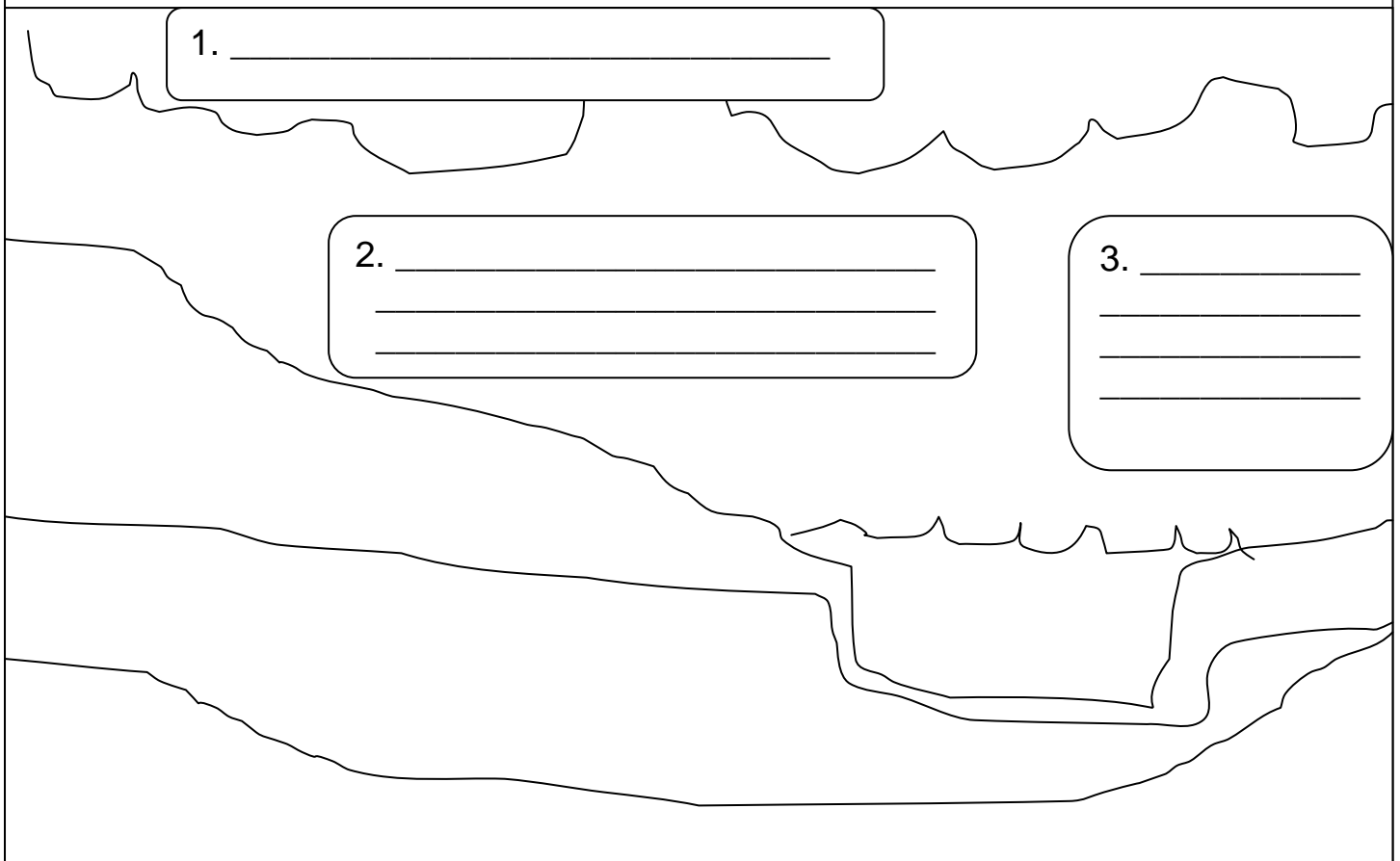
1. Have developed your geographical questioning skills.
2. Use images to extract information
3. Be aware of what a flood is.
4. Share ideas and discuss concepts.

What is a flood?

**Look at the pictures and let's
make a definition.**



Here is a diagram of how flooding occurs. Use your textbook to fill in what is happening. Colour the picture. Fill in the heavy rain.



So what causes floods?

Floods are usually caused by _____

but could also be caused by _____ or _____

melting.

What is a **flash flood?** _____

Write down 6 factors that may increase the chance of flooding in an area.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

More about the factors that increase the risk of flooding.



This rock is IMPERMEABLE.
What does this mean? _____

Give the name of one type of impermeable rock.



How does this soil become so hard and dry?

What happens when rain falls onto this type of soil? _____



This soil is SATURATED. What does SATURATED mean? _____

How does saturated soil increase the risk of flooding? _____



How does a steep slope increase the risk of flooding?

Why doesn't the rain soak into the ground? _____



How do leaves help to prevent the risk of flooding? _____

What does intercept mean? _____

How do the roots help prevent the risk of flooding? _____

What happens if you cut down lots of trees? _____



What happens when you build in the drainage basin of a river? _____

What happens if you build more and more buildings? _____

What does INFILTRATE mean? _____

I	S	A	T	U	R	A	T	E	D	E	Y	U	R
N	M	I	N	F	I	L	T	R	A	T	I	O	N
T	R	P	L	A	O	B	U	I	L	D	I	N	G
E	S	A	E	G	Y	R	R	E	O	Y	S	D	P
R	F	U	I	R	S	U	E	T	I	P	D	R	Y
C	L	A	Y	A	M	F	H	P	D	S	O	A	K
E	D	O	P	N	I	E	T	S	E	T	O	I	U
P	T	S	E	I	C	H	A	N	N	E	L	N	D
T	A	R	U	T	I	A	E	B	D	I	F	A	R
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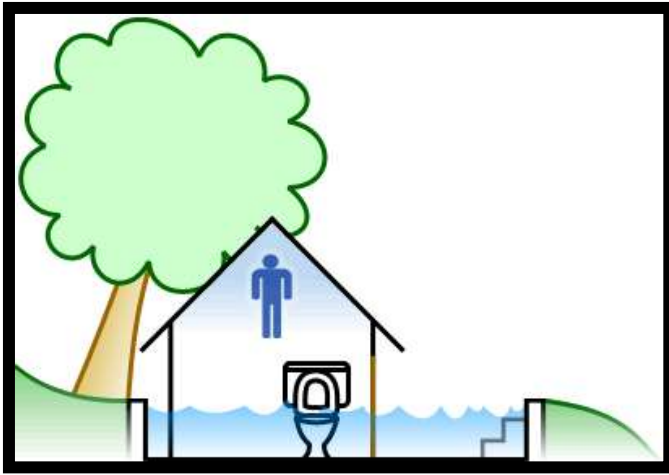
- FLOOD
- CHANNEL
- IMPERMEABLE
- GRANITE
- SOAK
- WEATHER
- SATURATED
- CLAY
- STEEP
- INTERCEPT
- INFILTRATION
- DRAINAGE
- INFILTRATE
- BUILDING

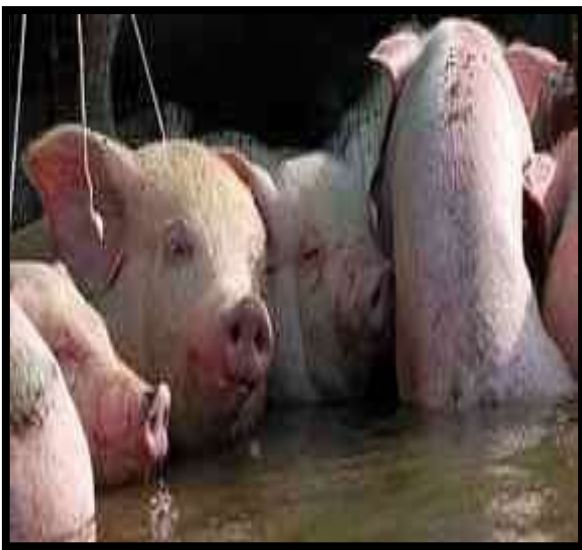
Here are some pictures of damage caused by flooding. Use your textbook or other source material to write what damage has taken place.
















Did you achieve your learning objectives? Read each learning objective for this lesson and then put a tick under the smiley face if you feel that you achieved the objective, the sad face if you feel you did not achieve the objective and under the question mark if you sort of understand but not quite yet.

			
1. Have developed your geographical questioning skills.			
2. Have developed your geographical questioning skills.			
3. Use images to extract information			
4. Be aware of what a flood is.			
5. Share ideas and discuss concepts			

My assessment of this lesson (Put a circle around the face that you think matches the contents of the lesson and how much you enjoyed it.

