

## 1. Meta data of E- Content (Pre production)

S. N.	AREA OF META DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Work of wind (Mushroom Rock)
2	Subject	Geography
3	Topic connected which area of subject?	Our changing earth
4	Class/ Level	VII
5	Objectives	Explain about feature made by the erosional work of wind.
6	Summary	In deserts winds are an active agent of erosion. Winds erode lower section of the rock more than the upper part. Therefore, such rocks have a narrower base and wider top and looks like the shape of a mushroom. Hence, they are called mushroom rocks.
7	Key Words	Mushroom rock, wind erosion
8	Team of content persons	-
9	Subject Coordinator	Tannu Malik
10	CIET Coordinator	



Source: [https://commons.wikimedia.org/wiki/File:Timna\\_Mushroom\\_Rock.jpg](https://commons.wikimedia.org/wiki/File:Timna_Mushroom_Rock.jpg)

2.

S. N.	AREA OF META DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Full moon and New moon
2	Subject	Geography
3	Topic connected which area of subject?	The Earth in the Solar System
4	Class/ Level	VI
5	Objectives	Understand the phases of the moon
6	Summary	The moon orbits around the earth in about 27 days. The moon does not emit light like sun. It reflects the sunlight and only one side of the moon is visible to us on earth. Only one side of the moon is visible on the earth. We can see full moon only once and a fortnight later we cannot see it at all. It is called new moon. Between full moon and new moon different shapes of the moon are visible to us
7	Key Words	New moon, full moon, waxing, waning
8	Team of content persons	-
9	Subject Coordinator	Tannu Malik
10	CIET Coordinator	



Source: [https://upload.wikimedia.org/wikipedia/commons/e/e3/Phases\\_of\\_the\\_Moon.png](https://upload.wikimedia.org/wikipedia/commons/e/e3/Phases_of_the_Moon.png)

3.

S. N.	AREA OF META DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Migratory birds
2	Subject	Geography
3	Topic connected which area of subject?	Wildlife
4	Class/ Level	VI
5	Objectives	Learners will identify the migratory birds Motivate learners to observe if there are any migratory birds in their surroundings
6	Summary	Many birds migrate to our country in the winter season These birds reach here either in search of food or to escape the severe winter in their native habitat. They usually arrive in December and stay till early March. Have you noticed any migratory bird in your vicinity? Try to find more details about the birds with the help of elders/books/internet etc.
7	Key Words	Migratory birds, Siberian crane, pintail duck, pelican, curlew, flamingo
8	Team of content persons	-
9	Subject Coordinator	Tannu Malik
10	CIET Coordinator	



Siberian Cranes in Keoladeo Ghana National Park, Bharatpur, Rajasthan

Source: [https://commons.wikimedia.org/wiki/File:Siberian\\_Cranes\\_\(Grus\\_leucogeranus\)\\_\\_\(19810170143\).jpg](https://commons.wikimedia.org/wiki/File:Siberian_Cranes_(Grus_leucogeranus)__(19810170143).jpg)



White Pelican in Bhuj, Gujarat

Source: <https://commons.wikimedia.org/wiki/File:WhitePelicanIndia.jpg>



Pintail Duck in Santragachi Lake, Howrah

Source: [https://commons.wikimedia.org/wiki/File:Pintail\\_-\\_Santragachi\\_Lake\\_-\\_Howrah\\_2012-01-26\\_1539.JPG](https://commons.wikimedia.org/wiki/File:Pintail_-_Santragachi_Lake_-_Howrah_2012-01-26_1539.JPG)



Great Stone Curlew at National Chambal Sanctuary, Madhya Pradesh  
*Source: [https://commons.wikimedia.org/wiki/File:Great\\_Stone\\_Curlew.jpg](https://commons.wikimedia.org/wiki/File:Great_Stone_Curlew.jpg)*



Lesser Flamingo at Sewri mudflats, Mumbai  
*Source: [https://commons.wikimedia.org/wiki/File:Lesser\\_Flamings1.JPG](https://commons.wikimedia.org/wiki/File:Lesser_Flamings1.JPG)*



Eurasian Spoonbills at Thane Creek Flemingo Sanctuary

*Source: [https://commons.wikimedia.org/wiki/File:Eurasian\\_Spoonbills\\_Platalea\\_leucorodia\\_by\\_Dr\\_Raju\\_Kasambe\\_DSC\\_3221\\_\(7\).JPG](https://commons.wikimedia.org/wiki/File:Eurasian_Spoonbills_Platalea_leucorodia_by_Dr_Raju_Kasambe_DSC_3221_(7).JPG)*

4.

S. N.	AREA OF META DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Work of Ice (Glacial Moraines)
2	Subject	Geography
3	Topic connected which area of subject?	Our changing earth
4	Class/ Level	VII
5	Objectives	Explain about feature made by the depositional work of glacier.
6	Summary	Glaciers carry and accumulate the material ranging from large and small pieces of rocks, sand and silt. The material is left behind when glacier melts. These deposits form glacial moraines.
7	Key Words	Glacier, deposition, glacial moraines
8	Team of content persons	-
9	Subject Coordinator	Tannu Malik
10	CIET Coordinator	



Source: [https://commons.wikimedia.org/wiki/File:Bealach\\_na\\_h-Uamha, Harris -  
\\_geograph.org.uk - 270404.jpg](https://commons.wikimedia.org/wiki/File:Bealach_na_h-Uamha,_Harris_-_geograph.org.uk_-_270404.jpg)

5.

S. N.	AREA OF META DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Work of a River
2	Subject	Geography
3	Topic connected which area of subject?	Our changing earth
4	Class/ Level	VII
5	Objectives	Find out how much learners have understood about various features made by the river
6	Summary	The course of the river can be divided in three stages – upper, middle and lower. Rivers make different features in all these stages. This simple activity tells how much learners have understood about different features made by the river
7	Key Words	River, meander, delta, ox-box, distributaries, flood plain, waterfall, levees, estuary
8	Team of content persons	-
9	Subject Coordinator	Tannu Malik
10	CIET Coordinator	

**Activity:**

Look at the table given below. Some features made by river at various stages have been given. Identify which feature you will find in:

- i) Near the source of the river
- ii) In the middle section of the river course
- iii) Near the mouth of the river

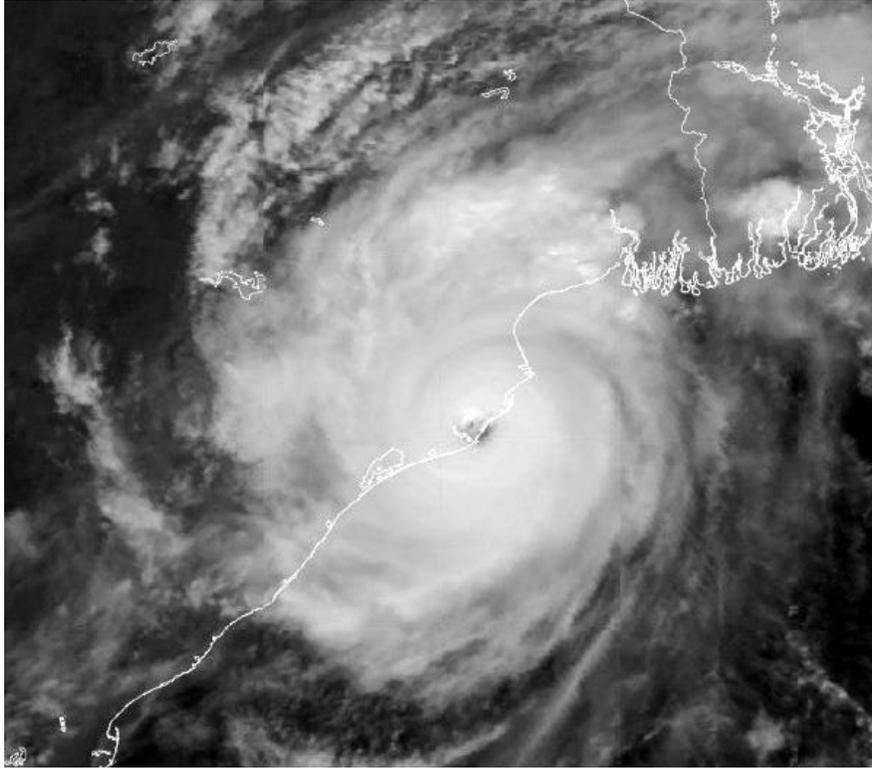
S.No.	Feature	i	ii	iii
1	Meander			
2	Delta			
3	Ox bow lake			
4	Distributaries			
5	Flood plain			
6	Waterfall			
7	Levees			
8	Estuary			

**Key:**

1-ii, 2-iii, 3-ii, 4-iii, 5-ii, 6-i, 7-ii, 8-iii

**6.**

<b>S. N.</b>	<b>AREA OF META DATA</b>	<b>TO BE FILLED BY CONTENT GENERATOR(S)</b>
<b>1</b>	<b>Topic</b>	<b>Cyclone</b>
<b>2</b>	<b>Subject</b>	<b>Geography</b>
<b>3</b>	<b>Topic connected which area of subject?</b>	<b>Air</b>
<b>4</b>	<b>Class/ Level</b>	<b>VII</b>
<b>5</b>	<b>Objectives</b>	<b>Explain about the cyclone with the help of an image</b>
<b>6</b>	<b>Summary</b>	<b>A case study of cyclone which hit Odisha has been given in the Geography textbook for Class VII. This image shows the cyclone on Bay of Bengal and coastal area of Odisha. An eye of the cyclone is also visible in the image which is the area of lowest atmospheric pressure in the region.</b>
<b>7</b>	<b>Key Words</b>	<b>Cyclone, eye of the cyclone</b>
<b>8</b>	<b>Team of content persons</b>	<b>NA</b>
<b>9</b>	<b>Subject Coordinator</b>	<b>Tannu Malik</b>
<b>10</b>	<b>CIET Coordinator</b>	



Indian cyclone 05B hit Odisha in late October 1999. This visible image has been taken from the **METEOSAT-5** weather satellite on the 29th of October 1999 at 06 GMT.

*Source: [https://upload.wikimedia.org/wikipedia/commons/e/e0/Cyclone\\_05B.jpg](https://upload.wikimedia.org/wikipedia/commons/e/e0/Cyclone_05B.jpg)*

## 7.

<b>S. N.</b>	<b>AREA OF META DATA</b>	<b>TO BE FILLED BY CONTENT GENERATOR(S)</b>
<b>1</b>	<b>Topic</b>	<b>Convection Currents</b>
<b>2</b>	<b>Subject</b>	<b>Geography</b>
<b>3</b>	<b>Topic connected which area of subject?</b>	<b>Our changing earth</b>
<b>4</b>	<b>Class/ Level</b>	<b>VII</b>
<b>5</b>	<b>Objectives</b>	<b>Explain how convection currents take place inside the earth.</b>
<b>6</b>	<b>Summary</b>	<b>This simple activity shows the movement of convection currents. The molten magma inside the earth moves as shown in this activity. This movement inside the earth results in the movement of lithospheric plates.</b>
<b>7</b>	<b>Key Words</b>	<b>Convection current, volcano, inside the earth</b>
<b>8</b>	<b>Team of content persons</b>	<b>-</b>
<b>9</b>	<b>Subject Coordinator</b>	<b>Tannu Malik</b>
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convection current.webm

Submitted by

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