

# Holiday Homework-VIII

## Maths

### Activity-I: Watch Movies

Students need to watch any one of the given video and write a short paragraph on what you learn after watching them

( Upload your view in : Google form provided in activity 2)

1. Shrinivasa Ramanujan
  - <https://youtu.be/K5jsgBvJMUC> (50 min)
2. Aryabhatta Story in Hindi | India's Ancient Genius
  - <https://youtu.be/pm2IT53UnrA> (10 min)
3. Story of Mathematics (BBC Hindi)
  - <https://youtu.be/9bpC8gmn2p0> (15 min)
4. Bhaskaracharya - The Indian Mathematician who Invented Calculus
  - <https://youtu.be/GkpmLB12Xhs>
5. Nil Battey Sannata (2015)

The movie is about a single mother who works four different menial jobs to make ends meet while her daughter is an unmotivated student who is weak in math. The mother enrolls herself in her daughter's class to learn math so that she can tutor her daughter at home. Soon the mother's success at class motivates the daughter to work hard and achieve good grades. What follows delivers a strong message that everyone has the right to be educated and lead a good life despite their social status. The movie also teaches us that dedication and hard work always leads to success.

Link for download:- <https://www.imdb.com/title/tt5005684/>

## 6. PI (1998) $\pi$ analysis in Hindi

Link for download: - <https://youtu.be/pZfCncoMe24>

### **Activity 2: PDF uploading**

**Upload your Mathematics notes by the link provided below:**

<https://forms.gle/P2Ms7kHYy5Wck1rdA>

### **Hindi**

1. स्वरचित कोई कविता यास्वयं की यादगार यात्रा का वर्णन १००-१५० शब्दों में लिखिए-
2. कबीर दास के पाँच दोहे तथा अर्थ बोलते हुए वीडियो बनाइए ( दोहा बोलने के पहले अपना नाम और कक्षा बोलना है )

नोट: सभी कार्य गूगल फॉर्म में सबमिट करेंगे तथा वीडियो का लिंक अपलोड करेंगे ।

### **Science**

(A) This video imparts knowledge of the ozone layer and its importance in a very entertaining way

<https://youtu.be/DNFovOKFni8>

(B) In this video, different types of natural disasters are explained interestingly.

<https://youtu.be/HaEmlak07f4>

## Social science

Show shifting cultivation zones on the world map and collect information on Industrial Disaster with respect to Union Carbide Factory of Bhopal.

## English

Life of Pi

Video Link: <https://youtu.be/dfqT87THcMM>

It's one of those rare films that amaze, inspire and leave you in awe of the human spirit – all at the same time. A screen adaptation of a bestselling book by a visionary Academy Award winning director, one can only expect brilliance. And the brilliance it delivers. Man against nature, man against animal, cast away, doomed by destiny-it's a survival story like no other. A story told with beauty, elegance, spirit and an exceptional bit of enchantment.

## Sanskrit

<https://youtu.be/cbJ7vSf5TeY>

श्लोकों को ध्यानपूर्वक सुनें, समझें तथा कोई 5 श्लोक कंठस्थ कीजिए।