WINTERS HOLIDAY HOMEWORK

THEME- DISASTER MANAGEMENT

CLASS V

PREPAREDNESS

RESPONSE

DISASTER MANAGEMENT PHASES

MITIGATION

RECOVERY

Training proves to be the key ingredient to handling any disaster.

Walter Maddox

Dear Parents,

Holidays are an ideal opportunity for the students to rejuvenate and reenergize themselves to meet the challenges of the academic year. This inter-disciplinary homework is designed to enhance analytical and theoretical skills of the students. You are requested to guide and motivate your ward to complete the tasks assigned.

GENERAL INSTRUCTIONS:

- **All the work should be done by the child.**
- **Written work should be handwritten and must be done on coloured A4 of A3 pastel sheets wherever suitable.**
- **All work needs to be submitted as per the schedule given below**

Maths on 13th January, 2020

English and Social studies on 14th January

Science and IT on 16th January

INTRODUCTION -

Disaster Management is the organisation and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies, in particular, preparedness, response and recovery in order to lessen the impact of disasters.

Activity 1:

Q1. On a physical map of India, identify the areas which are most prone to floods by marking them in blue and write in brief the reasons for it. This work is to be done in Science note book.

Or

List the cyclones which have hit India during last three years with names. Mark the areas affected by these cyclones on the physical map of India. Write briefly the reason for the name so given. Paste this work in this work in your Science notebook.

Q2. Prepare a write-up on how Television, Radio and Internet can be used to help in disaster management during floods? Do this work in your English note book.

Activity 2:

Complete the following table showing the number of earthquakes by magnitude in the following countries from 2014 onwards

1. India 2. China 3. Nepal 4. Japan 5. USA 6. Afghanistan 7. Bhutan

8. Pakistan

Make a bar graph with different colours for each year and number of earthquakes on the graph paper and paste it in your maths note book. (Use an appropriate scale for the data)

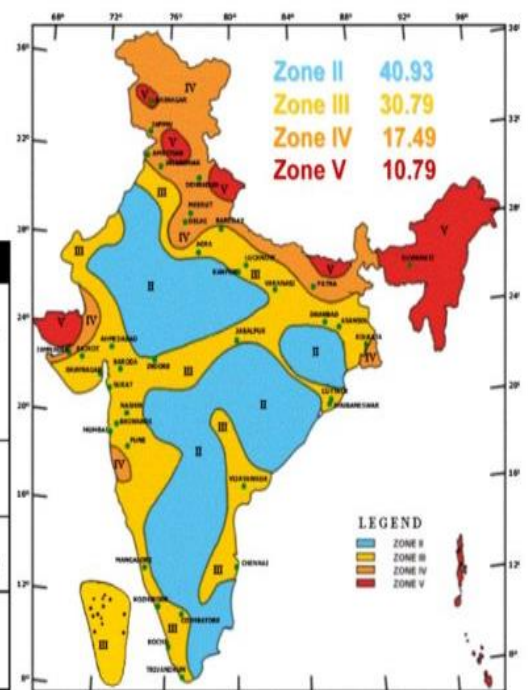| Magnitude	No. in 2014	No. in 2015	No. in 2016	No. in 2017	No. in 2018	No. in 2019
4.0-4.9						
5.0-5.9						
6.0-6.9						
7.0-7.9						
8.0-8.9						
9.0+						

Activity 3:

Mark the major Tectonic Plate Boundaries and the Seismic Zones on a political outline map of the India. Also locate the places where the major earthquakes have occurred in the last 05 years on a political outline map of India and mark intensity also. Paste your work in SST notebook.

Seismic Zone
Map of India: -2002

About 59 percent of the land area of India is liable to seismic hazard damage

Zone II	40.93
Zone III	30.79
Zone IV	17.49
Zone V	10.79

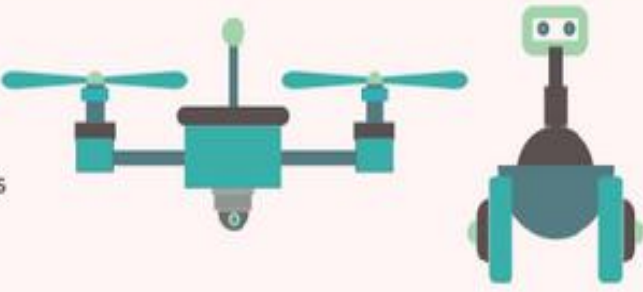| Zone	Intensity
Zone V	Very High Risk Zone Area liable to shaking Intensity IX (and above)
Zone IV	High Risk Zone Intensity VIII
Zone III	Moderate Risk Zone Intensity VII
Zone II	Low Risk Zone VI (and lower)

LEGEND
ZONE II
ZONE III
ZONE IV
ZONE V

ICT / AI

One of the primary strengths of AI is the way it increases our capacity to predict, and therefore plan for, events and circumstances. Considering that one of the most important ways to save lives in disasters is to have early warning.

Natural disasters wreak havoc around the world every year. But it's hard to appreciate the scale of this damage. Create a Power Point presentation on "How AI can help in disaster management". Refer the slide given below.

The presentation should contain at least 5 slides. Use the data shown above to create Bar Graph. Mail the soft copy having name, class & section on the below given mail id-

bbpscomputerprimary@gmail.com

READING IS FUN

Dear Children as your Winter Break begins, involve yourself more in reading. Read any storybook of your choice and complete the following Book Review

Format:

Title of the Book:	Author of the Book:

What I Liked the Most:

- New words from the Book:

- Picture and name of my favorite character: