



THE INDIAN INSTITUTE OF GEOGRAPHICAL STUDIES

and

Young Creators' Den

Invite you to

Explore A World Of Ideas!

A monthly gathering of curious minds, age 8 and above – 2nd Sunday of the month

How Earth Made Us

Part 5

The Human Planet

Presented by Dr. Iain Stewart, Geologist

(Duration: 1 hour)

Human beings were at the “mercy” of nature during earlier times. Now, we have ourselves become a major force of nature. We are able to change so many things on Earth and re-shape many things in nature. But how powerful are we, really?

In this episode Dr Stewart shows us how human beings have influenced the planet we live on: Earth. He shows us examples of where we have been able to resist nature’s forces and where we are not powerful! Our impact on Earth has not always been “bad.” We have impressive power, but not enough control over it. Human power to change Earth’s surface is so great that we now live in the “anthropocene” age (epoch of the human).

Come and explore with us on

Sunday, 12 February 2012, 4:30 to 6:30pm at the Young Creators' Den

Kids and parents are welcome!

To register: Send an email to geo@tiigs.org with your name, age, class/standard, and name of your school; we will reply to your email confirming your registration **OR**

Call **Mrs Vasanthakumari** at **93412 18387** Registration is on first-come-first-serve basis.

Study sheet

मनुष्या मानुषा मर्त्या मनुजा मानवा नराः ।

स्युः पुमांसः पञ्चजनाः पूरुषा नरः ॥

(amarakosha, 2nd Kaanda, 1st shloka)

	Samskrtam word	Pronounced ...	Meaning
1.	मनुष्याः, मानुषाः	Manushyaaha, maanushaha	Sons and daughters of sage Manu - According to some Puranic story
2.	मर्त्याः	Martyaaha	That one which dies or the inhabitants of Earth, gods live in heaven and Asuras live in paataala
3.	मनुजाः	Manujaaha	Born to sage Manu
4.	मानवाः	maanavaaha	Belonging to sage Manu
5.	नराः	Naraaha	The one which brings everything under its control
6.	पुमान्	Pumaan	Protector - This word is used in the sense of protector of females
7.	पञ्चजनः	Panchajanaha	Born of the five (elements)
8.	पूरुषः	poorushaha	The one which sleeps on his body unlike some other animals/bird which sleep in standing or sitting position

[Thanks to Sri Rajagopalan Ayilam, Rishi Valley School for the selection, translation, and explanation of the words for “humans” in the amarakosha, a samskrtam book (thesaurus) containing synonyms for various things.]

The Human Planet

Find these important words used in the documentary. Look up the meanings in a dictionary. Words are in all directions. There are no blank spaces in the puzzle. The spaces are shown only in the list.

D U
 D A B Z
 L T K R B I
 G G N I M R A F
 V N L B Q S F I G R
 K C O T S E V I L F E A
 S A G E S U O H N E E R G Z
 L W O B T S U D B A L P S Y H N
 J S N G R A N D C A N Y O N V O M R
 W A T E R C Y C L E A X N A D A N A C Y
 K Y I N D O N E S I A A D K F M L X V V
 N K C O R X E N E C O P O R H T N A
 J B V E T A C I T S E M O D U K
 G B F W A L L I T O L F R M
 E R U P T I O N N X N B
 G S E D I M E N T V
 R A Z B S E E M
 G C R A M U
 Y J F D
 P N

Alps	Anthropocene	Bauxite	Canada
Carbon dioxide	Deforestation	Domesticate	Dustbowl
Erosion	Eruption	Farming	Fertile Crescent
Flotilla	Geology	Grand Canyon	Greenhouse gas
Himalaya	Ice age	Indonesia	Livestock
Methane	Mud volcano	Overgrazing	Petroleum
Resource	Rock	Rocky mountains	Sediment
Strip mining	Tar sands	Valley	Water cycle
Weathering			