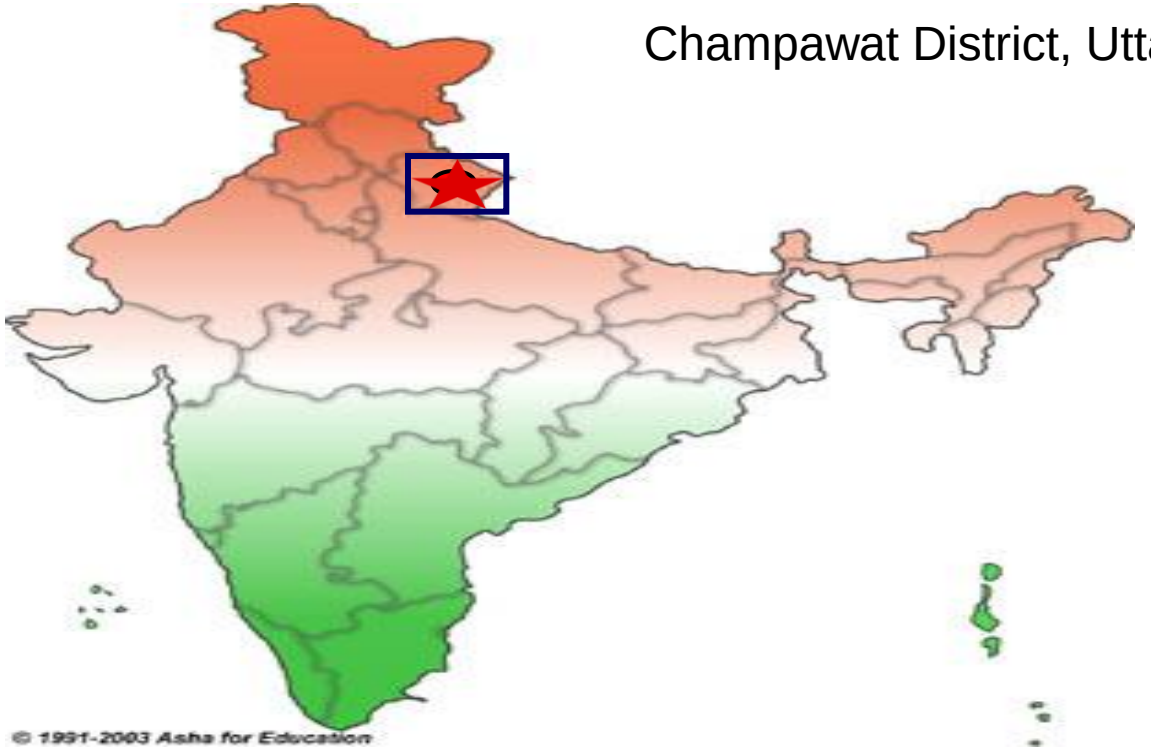
Champawat District, Uttarakhand



Savidya works with Government schools to augment resources such as teachers, classrooms, library, science center and vocational training in order to make education more effective

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Outline

- Objective and approach
- History with Asha
- Science Center and National Science Day
- Games/ Extra curricular
- Parental Involvement
- Exam results
- Key successes
- Site visit – key messages
  - Messages from Principals
    - Useful
    - Funds used well
  - Summary of school visits (pictorial)
    - Classrooms
    - Conversations with teachers
    - Play time
    - Computers
    - Message from Principas

- Accomplishments – 6 months
  - Science day
  - MM Pant Visit
  - List of progams, sports activities

- Request for renewal

Objective: *The long term goal is to establish a model educational structure that covers primary, middle and high schools to effectively educate children in this district.*

Approach: *Savidya works with government schools to augment resources – primarily teachers- to make education more effective.*

- **Advantage**: *Infrastructure and facilities provided by the government*
- **Challenge**: *Need to work effectively with government teachers and principal.*

Asha SV - Savidya Upasmati: History

•Asha Savidya is located in Champawat district in Uttarakhand.

•The program was started by Dr. Hari Bist (retired faculty member at IIT Kanpur) who hails from this region

•The original start was provided by Dr. Bist establishing a fund to provide scholarships to 5 students in schools

•Colloboration since 2005 starting with adoption of primiary school in Kulethi

•A total of 8 schools (6 primary, 2 middle) supported currently with 19 Savidya appointed teachers, impacting ~650 students.

•Involvement of parents/ guardians through Sid Jagran Seva (National Science Day, World Environment Day)

Savidya Upsamiti Adopted Schools - Evolution

School	2005	2006	2007	2008	2009
Kulethi (Primary)	52/ 3	89/ 3	80/ 3	76/ 3	70/ 3
Durga Sethi (Middle)		65/ 2	89/ 2	100/ 2	107/ 2
Subash Nagar (Primary)		202/ 3	190/3	172/ 3	117/ 3
Durga Sethi (Primary)			40/ 2	42/ 2	45/ 2
Dhakana (Primary)			65/ 3	71/ 3	74/ 3
Khark Karki (Middle)				65/ 2	77/ 2
Dhakana Badola (Primary)					41/ 2
Khark Kharkee (Primary)					93/ 2
Total	**52/ 3**	**376/ 8**	**446/ 13**	**526/ 15**	**624/ 19**

Students/ teachers by Asha

Currently, 19 additional Savidya teachers impact approximately 650 students in primary and middle schools.

Key Activities

- Improve education by improving student/ teacher ratio: goal is to have 1 teacher per class.
- Rotating library and science center in Kulethi school
- Annual heathcare checkups and distribution of multivitamins/ deworming medicines
- Organization of Annual Science Day and Environment Day
- Annual teacher training program
- Provision for games and participation in local level sports competitions
- Training for entrance exam to Navodya schools
  - 2 students passed the entrance exam
- Cultural events on Independence Day, Republic Day, Children’s day etc.
- Involve local community in schools via monthly parent teacher meetings

Teachers with Dr. Bist (Feb 28, 2010)

Evolution of Kulethi School

Kulethi School – 2009
(Science center added)

Kulethi School – 2009
(brick structure is new middle school)

Kulethi School – 2006
(2 rooms)

Kulethi school has been upgraded to a middle school by the government

Science Center

- **Established via funding from Capt. Satish Sharma**
- **Measurements of**
  - weight (balance)
  - length (screw guage, callipers and scales)
  - time (stopwatch)
  - temperature
  - use of microscope and telescope
  - Other physical phenomena

National Science Day - 2009

Science Center – And a Volunteer

- Ritesh Tiwari – BE – was volunteering at the Science center

Science Center Volunteer Ritesh Tiwari - notes

- Volunteered at the science center (eventually obtained token gratuity)
- Explained experiments to kids in Kulethi school
  - I witnessed one such session – happened to chance in when he was teaching
- Organized a summer camp for kids from surrounding schools
- Designed modules of experiments for each grade
- Arranged for one day visits to two schools – Dungra Sethi and Khark Kharkee (Mondays and Fridays)
  - Take specific experimental modules
  - Explain to kids
- Curious and learning kids – example
  - Explained the concept of friction one day to kids in Khark Kharkee
  - Asked the students for an example of friction from their daily lives or from what they observed
  - One kid got up and replied: सर जब चप्पल बो घिस जाती है तो हम फिसलते हैं

NSD 2011 Science Day *(5th – 6th March)*

National Science Day Summary

II) Report of National Science Day 28.02.2011

National Science Day Experiment Shown by the Students of J.H.S. Dungrasethi on 28.02.2011.

1.Aparna Paneru (Class 8)	1. Newton's IIIrd Law (Rocket Principal) 2. Quality of magnet (to find the direction).
1.Kanchan Choudhary (Class 8)	Law of Reflection and Refraction.
2.Smirti Rawat (Class 7)–	Experiment of Heat.
3.Vikash Choudhary (Class 7)	Property of Magnet.
4.Chandra Shekhar (Class 7)	1. Air pressure. 2. Static Charge Experiment.

Fields chosen in Physics: Geneal prporerties of Matter : Air Pressure, Newtons laws
Light : Laws of reflection , Refraction
Heat : showing various effects, expansion,of liquids, solids,gases
Static Electricity
Magnets

Spanning all elementary physics for Primary and upperPrimary children

N.S.D SUPPORT KNOWLEDGE CLUB, INSTITUTES/INDIVIDUALS

- VC V.P.S Arora Kumaon university
- Prof C.S.Mathela
- Dr H.S.Dhami,
- Dr P.S.Bisht,
- Dr N.S.Bhandari ,
- VC Prof B.S.Bisht, G.B.P.U.A.T Pantnagar
- Dr A.K.Pant, Dr A.K.Gaur , Dr K Sandeep
- Dr R.S.Bhakuni, MD Ret Good Year U.S.A
- Mr. Kailash Kandpal Co-ordinator AzimPF
- J C Gupta ,Principal JNV , CHampawat

Lunch Time - Kulethi

- School kids having a regular lunch hour