



**Innovation in Learning:**  
**Digital Content Development Initiative -  
 Empowering Teachers**

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**Problems in T-L**

- Abstract topics in textbooks
- Textbooks' pictures/illustrations are not sufficient and clear enough to understand
- Teacher-centered learning environment
- Memorizing tendency of abstract topics
- Insufficient supplementary materials

**Play,  
 Learn  
 and  
 Grow...  
 Together!**

**What should we do for creating a Learning  
 Environment for achieving the 21<sup>st</sup>  
 Century Skills?**



**What are the other skills needed of  
 the teachers?**

— ICT in Education = ICT Education —

**The kind of ICT we need in education**

- Cost-effective
- 21<sup>st</sup> Century skills focused
- Enjoyable and effective for teaching-learning
- Students and Teachers friendly
- Reduces 'Digital Divide'



**Multimedia Classroom:  
 A Model for the Developing Countries**


### Teacher-led content development



- Easy to demo abstract ideas
- Develop need-based contents
- Create student-centered learning environment
- Ensure enjoyable and effective learning
- Enables more Students-Teacher interactions

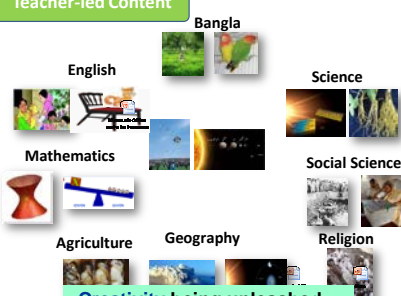
### Supplementary Content

#### Digestive System



ICC media file Library

### Teacher-led Content



**Creativity being unleashed**

### Content Development


Animated – Video - Text – Audio – Web based

#### Content development by others

- Highly-professional
- Attractive
- Easy to operate
- Passive role of teachers
- Difficult to modify
- Development cost is huge

#### Content development by teachers

- Ensure teacher's ownership
- Need minimum technology literacy (PPT, Internet, Avro, etc.)
- Liberty for content development



### Teachers' Blog/Portal

ICT for Enhancing Quality of Education  
ICT for Ensuring Better Teaching Learning

Welcome to ICT for Enhancing Quality of Education, Asia Cloudway!  
Here are a few things you can do right now...

25000+ members  
15000+ blogs  
10000+ contents  
8000+ photos  
400+ videos

**Empower educators and learners to Collaborate**

শিক্ষক বাগান  
www.teachers.gov.bd



**www.teachers.gov.bd**


**Recognition...**



- e-World Award 2010
- National Innovation Fair Award 2010
- National Digital Innovation Award 2011
- e-ASIA Award 2011

**Creating Ecosystem...**

- Functional PTI and TTC labs
- Connectivity ensured in training labs
- Proficient resource pool
- Expert Supervisors for monitoring and mentoring
- Collaborative platform for co-creation
- Empowered teachers



**Policy interventions**


- National Education Policy
- National ICT Policy
- ICT in Education Master Plan
- Projects formulated for establishing multimedia classrooms
- Education related citizen services
- Curriculum Development



*People who act as catalysts for 'Change'...*



**Unite for the Children...**



**Thank you**