Leveraging Digital Platforms for Education

Characteristics for Online Learning Platform

❖ Simplicity

❖ User Friendly

❖ Attractive Interface

❖ Integration

❖ Clear Course-Content

- ❖ Tracking and Reporting
- ❖ Easy to Flip
- ❖ Automated Evaluation
- ❖ Socially Driven
- ❖ Gamification

❖ Accessibility
- Visual Accessibility
  - Auditory Accessibility
  - Multilingual Support
  - Assistive Technology Compatibility
  - Inclusive Content Design

How Digital Platform can support Students & Teachers

- Access to Digital Learning Resources
- Personalized Learning
- Assessments and Quizzes
- Multilingual Support

- Enhanced Access to Education
- Democratizing Education
- Improved Quality of Education
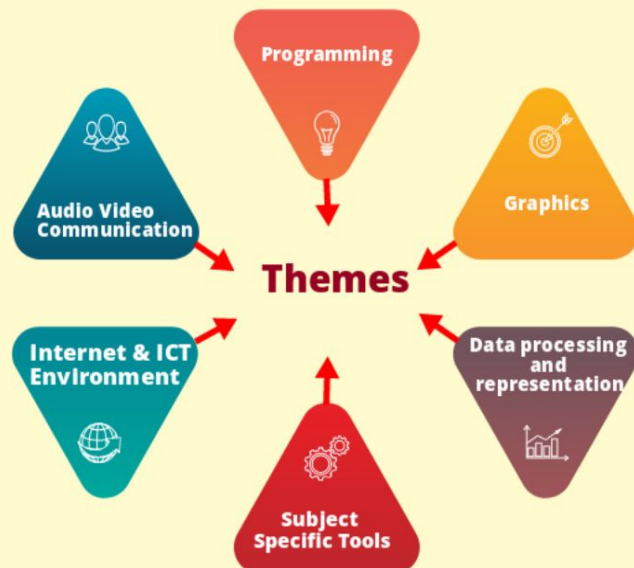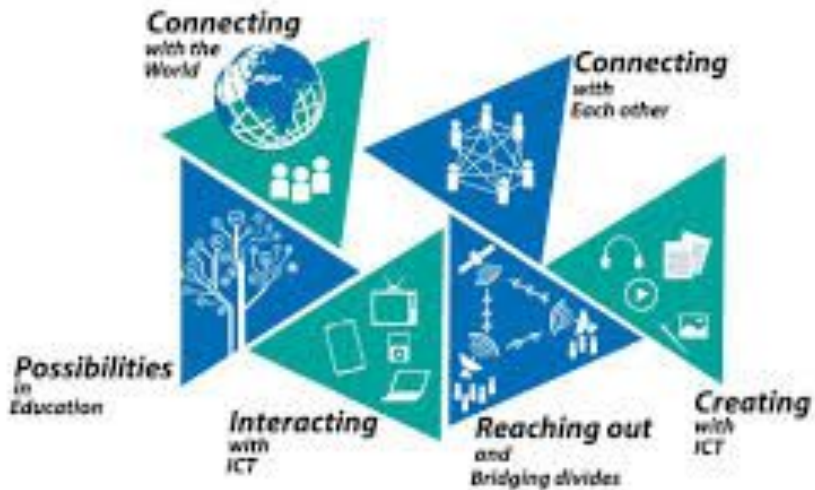- Fostering Innovation and Creativity

Digital Platforms of NCERT

Curricula for ICT in Education

Digital India
Power To Empower

ICT Courses

MIS

Software application

Data Analysis

Building Communities and Collectivising

Collaborating With ICT

Programming

Digital Story Telling

Digital Media

Internet as a Learning Resource

ICT for Educational Administration and Management

Data Processing & Representation

Subject Specific Tools

Graphics

Games

ICT for Teaching-Learning

ICT for Documentation and Communication

Audio Video Communication

Transacting with ICT

Trouble Shooting

ICT for Evaluation

Assistive & Adaptive Technologies

Subject Specific ICT tools

Cyber Safety & Security

Social, Ethical, Legal Aspects of ICT

HOME   **ABOUT US**   **CONTACT US**   **FEEDBACK**

Connecting with the World

Connecting with Each other

Possibilities in Education

Interacting with ICT

Reaching out and Bridging divides

Creating with ICT

Programming

Audio Video Communication

Graphics

Themes

Internet & ICT Environment

Data processing and representation

Subject Specific Tools

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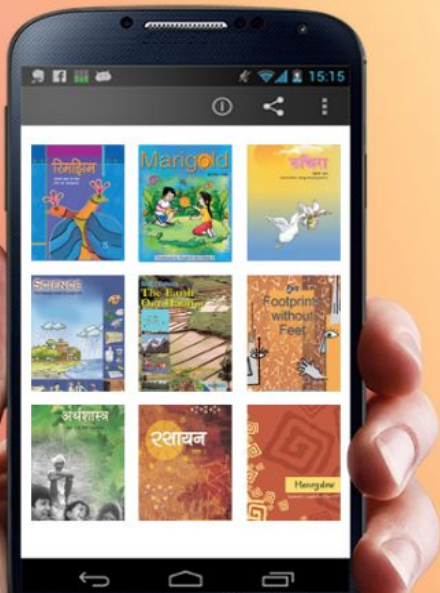
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National Council of Educational Research and Training

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NISHTHA ONLINE

INTEGRATED TEACHER TRAINING FOR CHANGE

SAMAGRA SHIKSHA

Ministry of Education
Government of India

Digital India
Power To Empower

National Initiative for School Heads' and Teachers' Holistic Advancement

Integrated Teacher Training Programme for Improving Quality of School Education

Capacity building of 4.2 million teachers

Integrated training of principals/ heads as key academic support

Focus on competency and higher order thinking skills based teaching learning

NISHTHA (Elementary Level) - Face to Face
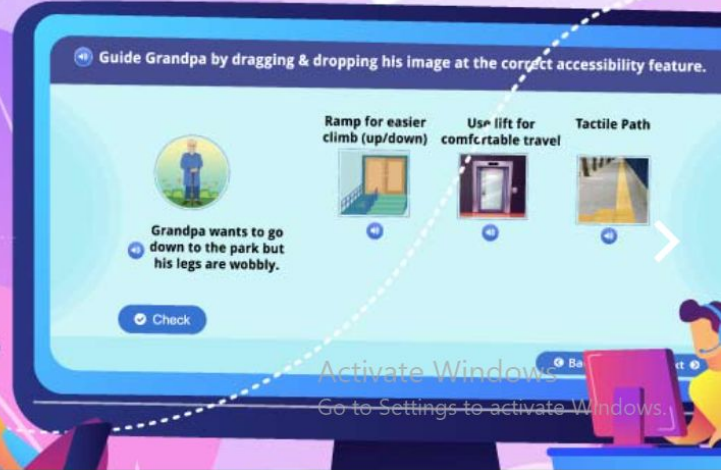
NISHTHA 1.0 (Elementary Level) - Online

NISHTHA 2.0 (Secondary Level) - Online

NISHTHA 3.0 (FLN) For NIPUN Bharat - Online

http://itfdigitalgames.ncert.org.in/

DIKSHA

DIGITAL INFRASTRUCTURE FOR KNOWLEDGE SHARING

An initiative of the National Council of Educational Research and Training (Ministry of Education, Govt of India)

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Usage metrics

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Way Forward

- Personalised Adaptive Learning (PAL) based on Learning Outcomes/Developmental Goals
- Virtual School platform in a blended mode- with synchronous and asynchronous communication.
- AI based Chatbot for education with features of language translation tool, image recognition, text, voice etc
- Strengthening of Learning Management System

- Online Tutoring for personalised learning focusing on 'Just-in+time" interventions.
- Enhancing user experience by improving UI/l IX,/discoverability on DIKSHA.