

# ASSESSMENT & EVALUATION FRAMEWORK

## Measuring Growth Beyond Marks

The purpose of Future Skills Education is not simply to teach concepts.

The real objective is to help students develop practical skills, creativity, confidence, problem-solving ability and innovation mindset.

Traditional examinations often measure what students remember.

Future Skills Assessment measures what students can understand, apply, create and communicate.

The Education World Assessment Framework is designed to evaluate student growth through a balanced combination of practical activities, projects, participation and skill development.

This approach provides a more complete picture of student learning.

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## WHY FUTURE SKILLS ASSESSMENT IS DIFFERENT

In traditional assessment systems, students are often evaluated through written examinations alone.

Future Skills Education requires a broader evaluation approach because students learn through:

- ✓ Building
- ✓ Creating
- ✓ Experimenting
- ✓ Presenting
- ✓ Collaborating
- ✓ Solving Problems
- ✓ Innovating

Therefore assessment must also evaluate these abilities.

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# OBJECTIVES OF THE ASSESSMENT FRAMEWORK

The framework is designed to:

## **Measure Practical Learning**

Evaluate how students apply concepts.

## **Track Skill Development**

Monitor student growth over time.

## **Encourage Creativity**

Recognize innovative thinking.

## **Build Confidence**

Reward participation and effort.

## **Promote Continuous Improvement**

Help students learn from feedback.

## **Support Personalized Learning**

Identify strengths and areas for improvement.

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# THE EDUCATION WORLD ASSESSMENT MODEL

Student performance is evaluated across multiple dimensions.

## **KNOWLEDGE**

What does the student understand?



## **APPLICATION**

Can the student apply concepts?



## **PROJECT EXECUTION**

Can the student build solutions?



## **PRESENTATION**

Can the student explain ideas clearly?



## **INNOVATION**

Can the student think creatively?



## **GROWTH**

Has the student improved over time?

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# **ASSESSMENT COMPONENTS**

## **1. CONCEPT UNDERSTANDING**

Students are evaluated on their understanding of core concepts.

Examples:

✓ Electricity

✓ Robotics

✓ Coding Logic

✓ AI Concepts

✓ IoT Applications

Assessment Methods:

• Worksheets

- Quizzes
  - Discussions
  - Reflection Activities
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## **2. PRACTICAL ACTIVITIES**

Students participate in hands-on learning tasks.

Assessment Areas:

- ✓ Participation
- ✓ Completion
- ✓ Accuracy
- ✓ Safety Practices
- ✓ Understanding

Examples:

- Circuit Building
  - Robotics Activities
  - Coding Tasks
  - Smart Technology Projects
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## **3. PROJECT ASSESSMENT**

Projects are one of the most important evaluation tools.

Projects help students demonstrate practical application of learning.

Assessment Criteria:

## **Problem Understanding**

Does the student understand the challenge?

## **Design Quality**

How effectively is the solution planned?

## **Functionality**

Does the project work properly?

## **Creativity**

How original is the solution?

## **Improvement**

Has the student refined the project?

## **Documentation**

Is the work recorded properly?

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# **PROJECT RUBRIC EXAMPLE**

Criteria	Weightage
Concept Understanding	20%
Project Design	20%
Functionality	20%
Creativity	15%
Presentation	15%
Teamwork	10%

This ensures balanced evaluation.

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# **PRESENTATION ASSESSMENT**

Students are encouraged to explain and showcase their work.

Assessment Areas:

- ✓ Communication Skills
- ✓ Confidence
- ✓ Clarity
- ✓ Technical Understanding
- ✓ Question Handling
- ✓ Demonstration Skills

Presentation skills are essential future career skills.

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## **TEAMWORK & COLLABORATION**

Many projects are completed in teams.

Assessment includes:

- ✓ Participation
- ✓ Contribution
- ✓ Responsibility
- ✓ Leadership
- ✓ Cooperation
- ✓ Respect for Team Members

These skills prepare students for real-world environments.

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## **INNOVATION & CREATIVE THINKING**

Innovation is rewarded throughout the program.

Assessment Areas:

- ✓ Original Ideas
- ✓ Problem Solving
- ✓ Alternative Approaches
- ✓ Design Thinking
- ✓ Practical Impact

Students are encouraged to think beyond standard solutions.

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## **CONTINUOUS ASSESSMENT APPROACH**

Assessment is not limited to one final evaluation.

Student growth is monitored continuously through:

- ✓ Activities
- ✓ Projects
- ✓ Participation
- ✓ Presentations
- ✓ Challenges
- ✓ Portfolio Development

This creates a more accurate picture of learning progress.

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## **STUDENT PORTFOLIO ASSESSMENT**

Every student develops a learning portfolio.

The portfolio may include:

- ✓ Project Records
- ✓ Activity Sheets

- ✓ Reflection Notes
- ✓ Certificates
- ✓ Innovation Challenges
- ✓ Achievement Records

The portfolio helps track long-term development.

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## **DIGITAL SKILL PASSPORT INTEGRATION**

Assessment data contributes to the student's Digital Skill Passport.

The passport records:

- ✓ Skills Learned
- ✓ Projects Completed
- ✓ Competitions Participated
- ✓ Achievements Earned
- ✓ Certifications Received

This creates a structured record of student growth.

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## **FEEDBACK SYSTEM**

Constructive feedback is an essential part of learning.

Students receive feedback on:

- ✓ Strengths
- ✓ Improvement Areas
- ✓ Technical Skills
- ✓ Presentation Skills

✓ Creativity

✓ Innovation

The focus is on growth rather than comparison.

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## **BENEFITS FOR SCHOOLS**

The Assessment Framework helps schools:

✓ Measure Student Progress

✓ Track Skill Development

✓ Showcase Learning Outcomes

✓ Support NEP 2020 Goals

✓ Promote Experiential Learning

✓ Build Academic Credibility

✓ Encourage Student Participation

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## **BENEFITS FOR STUDENTS**

Students gain:

✓ Confidence

✓ Practical Skills

✓ Better Understanding

✓ Creativity

✓ Leadership

✓ Problem Solving Ability

✓ Innovation Mindset

✓ Future Career Readiness

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## **THE EDUCATION WORLD DIFFERENCE**

Many assessment systems focus only on marks.

Education World focuses on growth.

Students are evaluated on:

- ✓ What they know
- ✓ What they can build
- ✓ What they can explain
- ✓ What they can improve
- ✓ What they can innovate

This creates a more meaningful and future-focused learning experience.

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## **SUCCESS IS MORE THAN SCORES**

The goal of assessment is not simply to assign marks.

The goal is to help students become confident learners, creative thinkers, effective problem solvers and future-ready innovators.

That is the foundation of the Education World Assessment & Evaluation Framework.