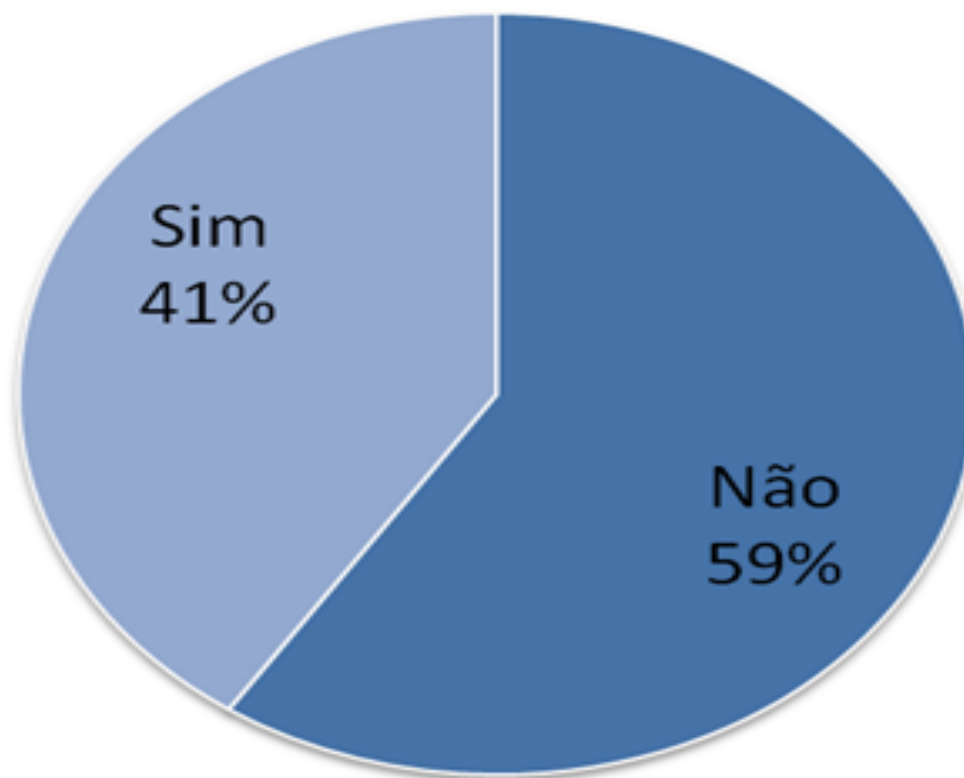# Technology in Education around the World
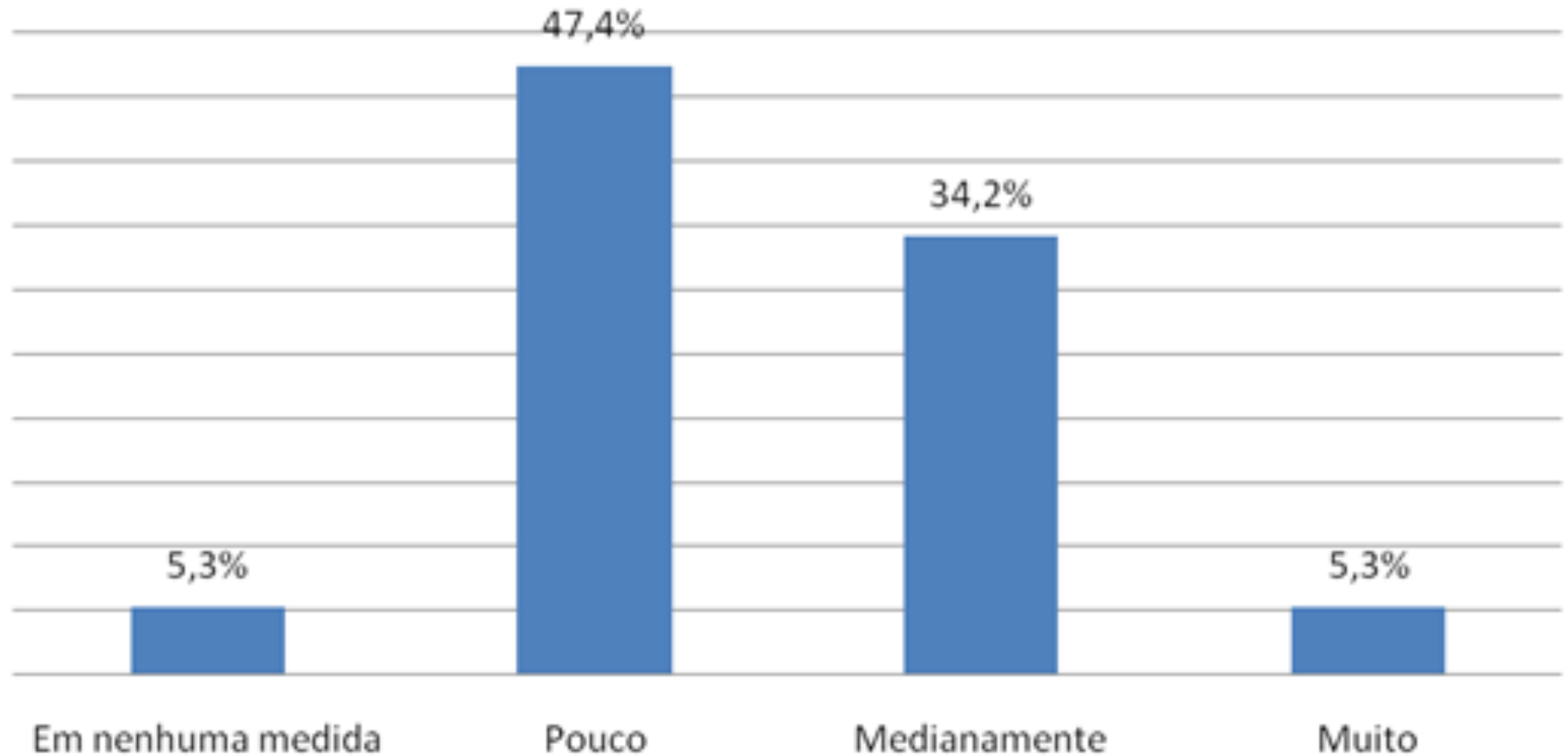# To what ends?

Fernando M. Reimers

In your school, is there a plan to integrate technology with teaching?

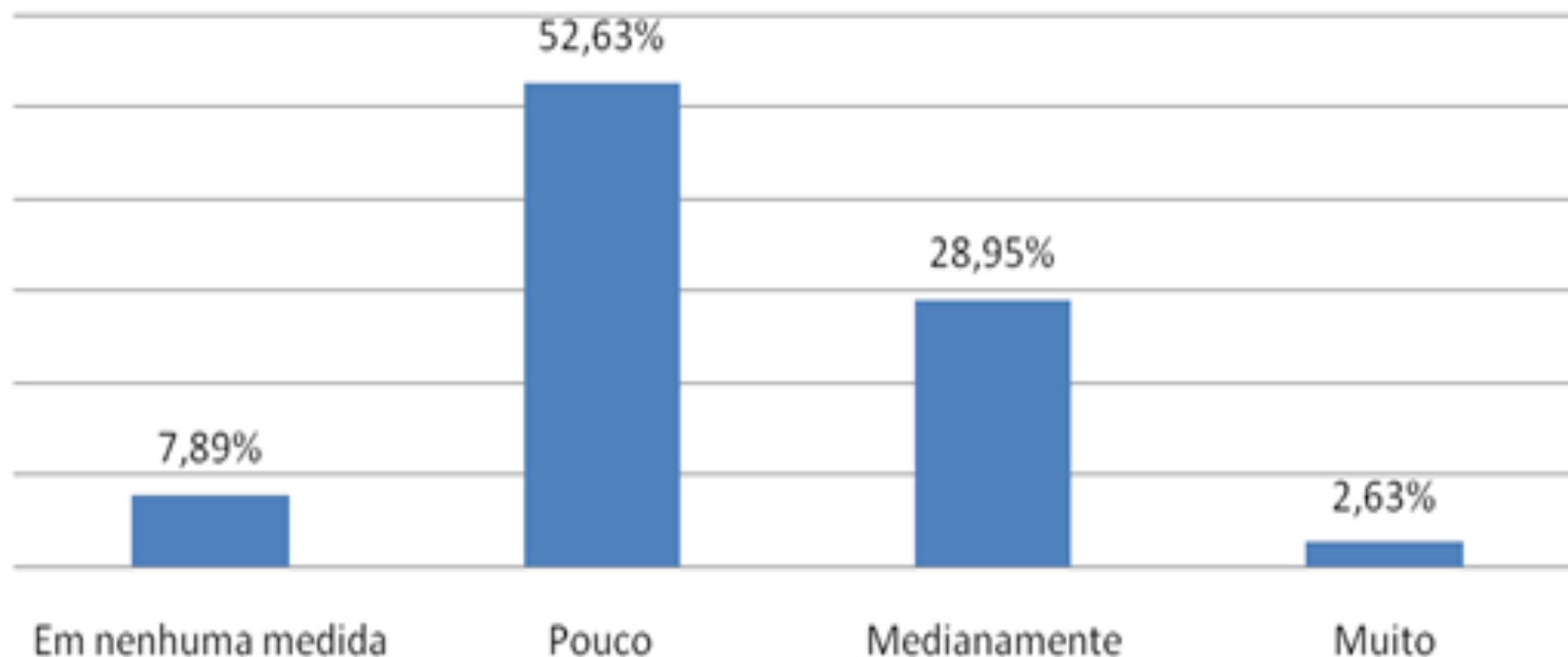**12 Em sua escola, existe algum plano para a integração de tecnologia ao ensino?**

Sim 41%

Não 59%

Is technology used in your school to support student learning?

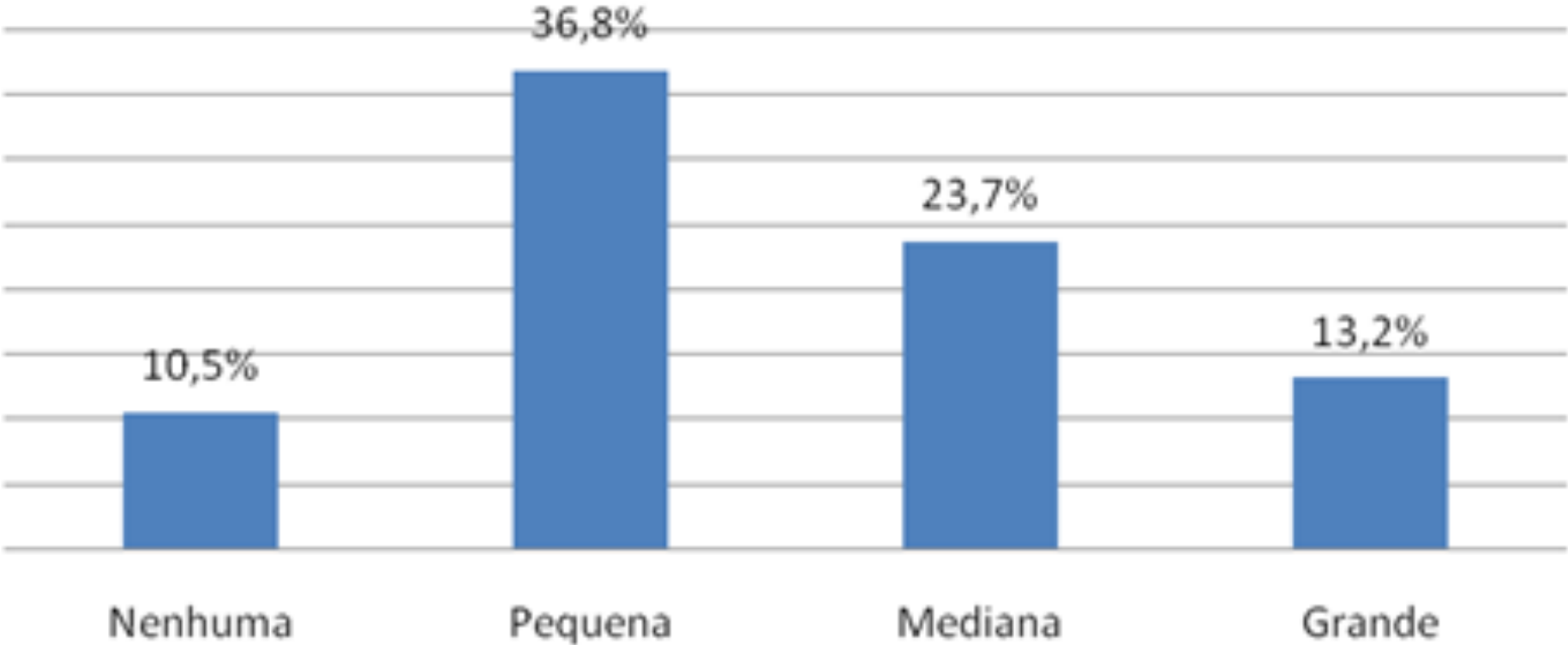**13. Em sua escola, utiliza-se tecnologia como um apoio à aprendizagem dos estudantes?**

Em nenhuma medida	Pouco	Medianamente	Muito
5,3%	47,4%	34,2%	5,3%

Is technology supporting innovative forms of teaching and learning in your school?

14. Em sua escola, a tecnologia apoia formas inovadoras de aprendizagem?

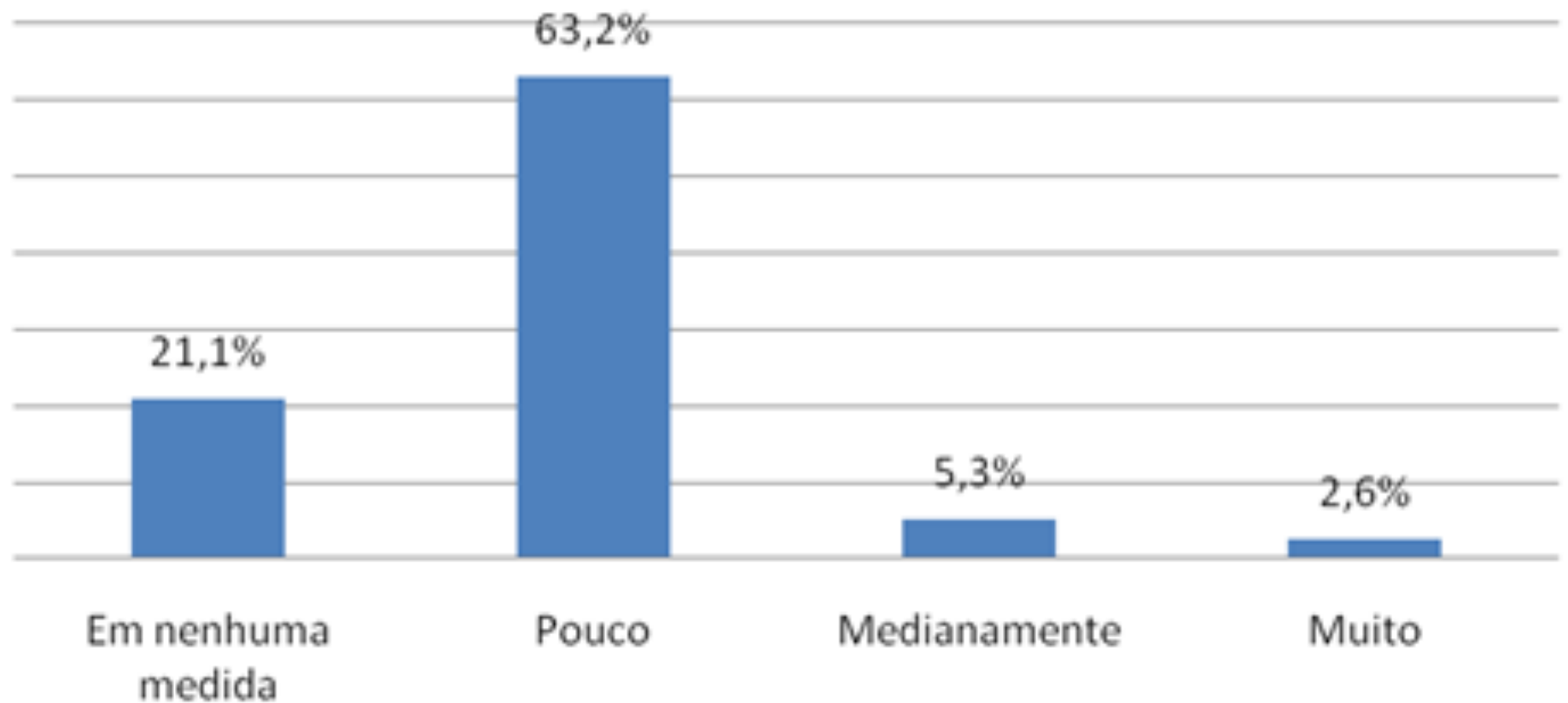| Em nenhuma medida	Pouco	Medianamente	Muito
7,89%	52,63%	28,95%	2,63%

What percentage of the student have frequent access to technology in school?

15. Em sua escola, que porcentagem dos estudantes têm acesso frequente a plataformas tecnológicas?

- Nenhuma: 10,5%
- Pequena: 36,8%
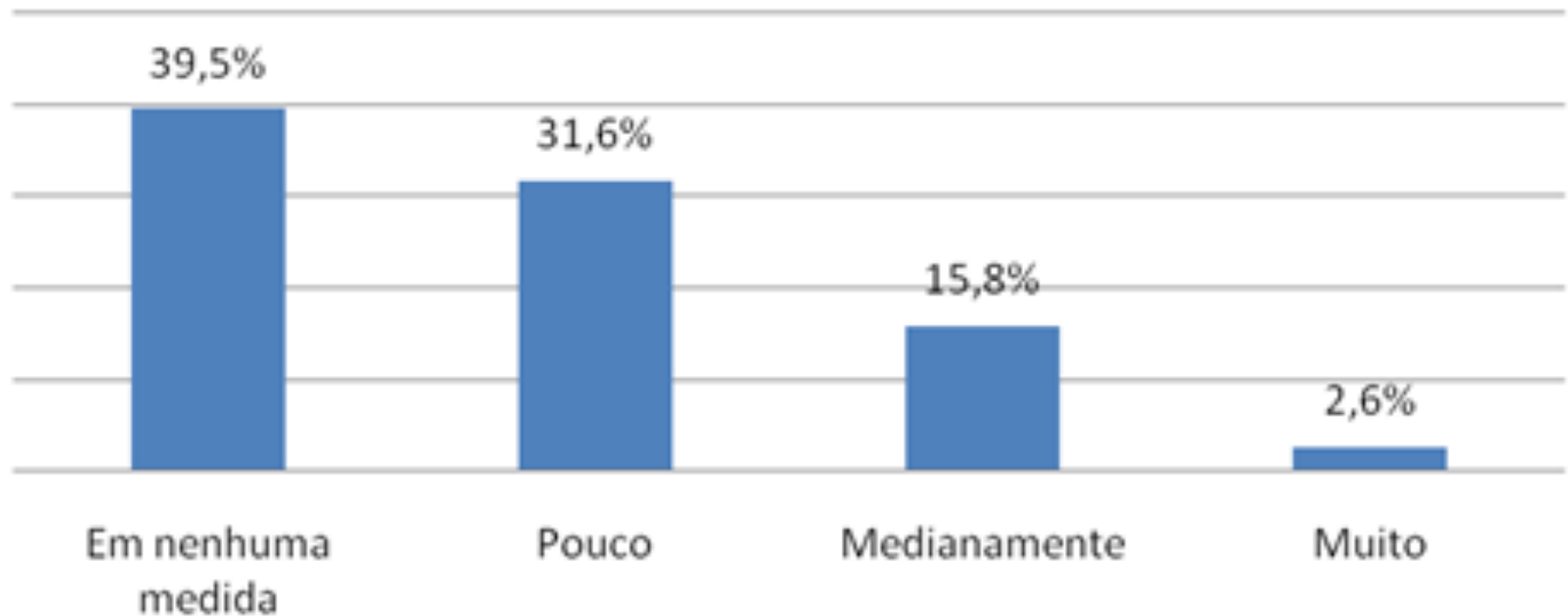- Mediana: 23,7%
- Grande: 13,2%

Is technology used to communicate w students and parents?

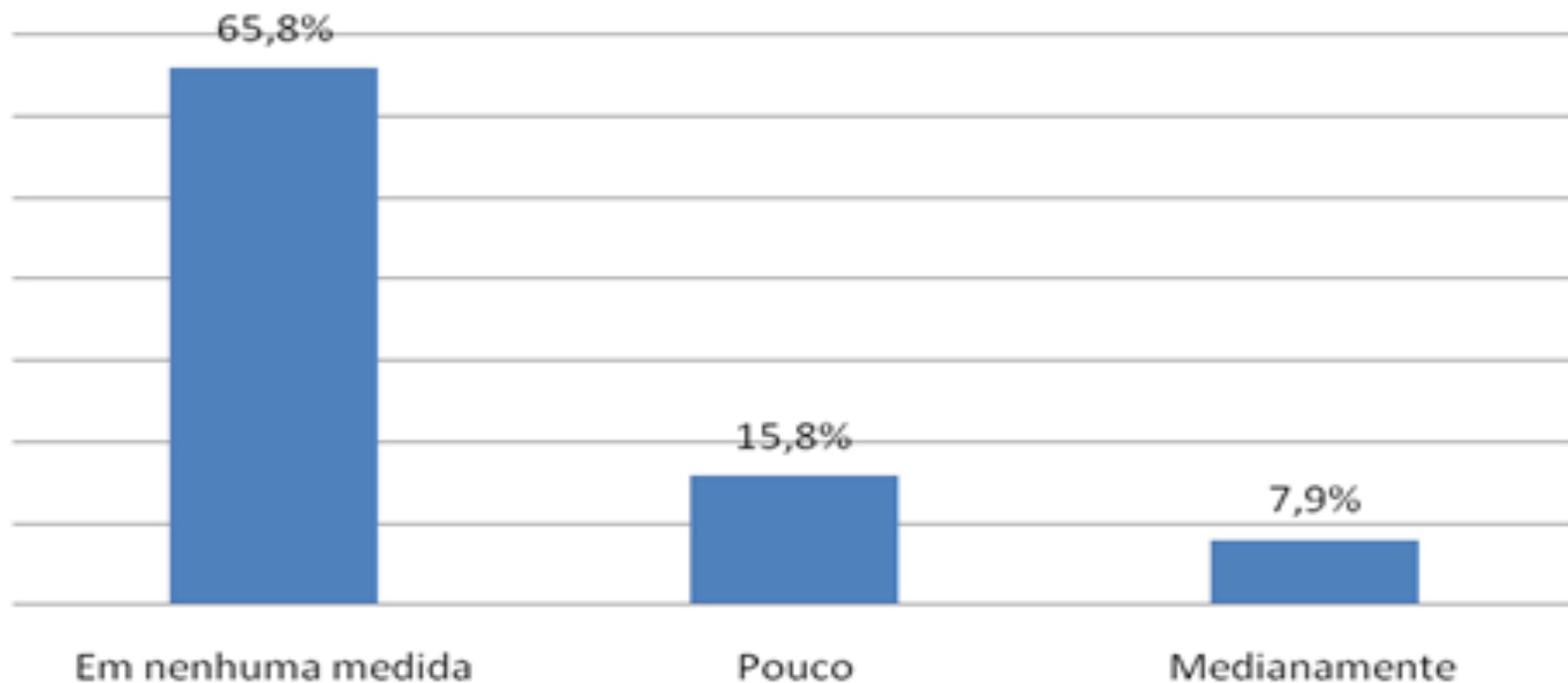**16. Em sua escola, utiliza-se tecnologia para a comunicação com os alunos e/ou seus pais?**

Are there platforms to support course development and management?

17. Em sua escola, existem plataformas tecnológicas para apoiar o desenvolvimento dos cursos?

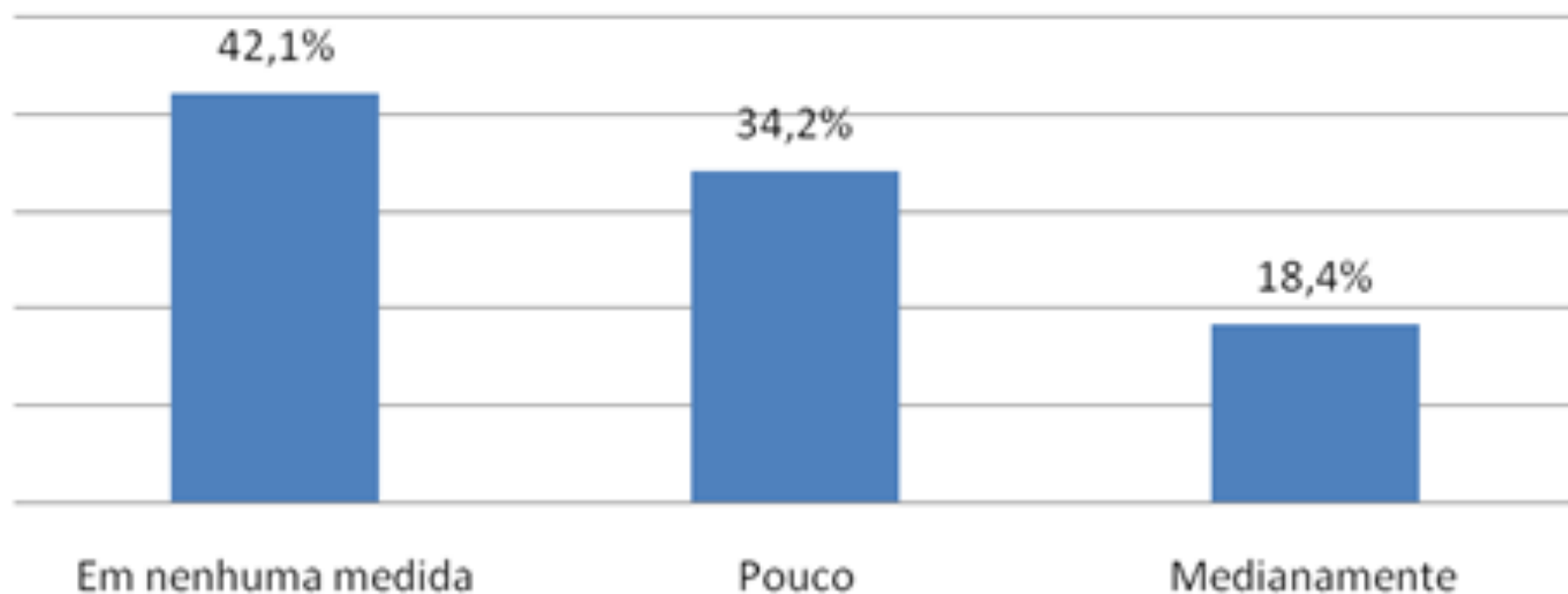| Em nenhuma medida	Pouco	Medianamente	Muito
39,5%	31,6%	15,8%	2,6%

Are technological platforms used to support the work of students?

19. Em sua escola, utilizam-se plataformas tecnológicas para que os pais possam acompanhar o trabalho dos alunos?

65,8%

15,8%

7,9%

Em nenhuma medida   Pouco   Medianamente

In your school are technological platforms used to support teacher collaboration?

20. Em sua escola, utilizam-se plataformas tecnológicas para permitir a colaboração dos professores?

42,1% — Em nenhuma medida
34,2% — Pouco
18,4% — Medianamente

Education for the 21ˢᵗ Century

Beyond Knowledge…

- **1.1. Cognitive Skills**
- **1.2. Inter-personal Skills**
- **1.3. Intra-Personal Skills**

1.1. Cognitive Skills

1.1.1. Processing and cognitive strategies

1.1.2. Knowledge

1.1.3. Creativity

1.1. Cognitive Skills

1.1.1. Processing and cognitive strategies
- Critical Thinking
- Problem Solving
- Analysis
- Logical Reasoning
- Interpretation
- Decision Making
- Executive Functioning

1.1.2. Knowledge

1.1.3. Creativity

1.1. Cognitive Skills

1.1.1. Processing and cognitive strategies

1.1.2. Knowledge

- Literacy and communication skills
- Active listening skills
- Knowledge of the disciplines
- Ability to use evidence and assess biases in information
- Digital Literacy

1.1.3. Creativity

1.1. Cognitive Skills

1.1.1. Processing and cognitive strategies

1.1.2. Knowledge

1.1.3. Creativity
- Creativity
- Innovation

1.2. Inter-personal Skills

1.2.1. Collaborative group skills

1.2.2.　　Leadership

1.2. Inter-personal Skills

1.2.1. Collaborative group skills

- Comunication
- Collaboration
- Team Work
- Cooperation
- Coordination
- Interpersonal Skills

- Empathy, Perspective Taking
- Trust
- Service Orientation
- Conflict Resolution
- Negotiation

1.2.2.   Leadership

1.2. Inter-personal Skills

1.2.1. Collaborative group skills

1.2.2.   Leadership

– Leadership

– Responsibility

– Assertive Communication

– Self-Presentation

– Social Influence

1.3. Intra-Personal Skills

1.3.1. Intellectual Openness

1.3.2. Work Ethic. Responsibility

1.3.3. Self-efficacy

1.3. Intra-Personal Skills

1.3.1. Intellectual Openness

- Flexibility
- Adaptability
- Artistic and Cultural Appreciation
- Personal and Social Responsibility
- Intercultural competency

- Capacity for lifelong learning
- Intellectual interest and curiosity

1.3.2. Work Ethic. Responsibility

1.3.3. Self-efficacy

- Appreciation for diversity
- Adaptability

1.3. Intra-Personal Skills

1.3.1. Intellectual Openness

1.3.2. Work Ethic. Responsibility

- Initiative
- Self-direction
- Responsibility
- Perseverance
- Productivity
- Persistence

- Self-Regulation
- Meta-cognitive skills, anticipate future, reflexive skills
- Professionalistm
- Ethics
- Integrity
- Citizenship
- Work Orientation

1.3.3. Self-efficacy

1.3. Intra-Personal Skills

1.3.1. Intellectual Openness

1.3.2. Work Ethic. Responsibility

1.3.3. Self-efficacy

- Self-regulation (self monitoring and self assessment)
- Physical and mental health

Challenges of Global Education

- Design

- Implementation

- Scalability