Questionnaire for teachers, who teach students aged from 11 to 14 years old

*Obrigatório

1. **Q1 - Do students have difficulty in mental calculation?** *
   Marcar apenas uma oval.

   ◯ 1: Not at all

   ◯ 2: To a small degree

   ◯ 3: To a large degree

   ◯ 4: Completely

2. **Q2 - Do students have difficulty in basic operations with integers and fractions?** *
   Marcar apenas uma oval.

   ◯ 1: Not at all

   ◯ 2: To a small degree

   ◯ 3: To a large degree

   ◯ 4: Completely

3. **Q3 - Do students understand the importance of proving statements in mathematics?** *
   Marcar apenas uma oval.

   ◯ 1: Not at all

   ◯ 2: To a small degree

   ◯ 3: To a large degree

   ◯ 4: Completely

4. **Q4 - Can students classify triangles by their sides or angles?** *
   Marcar apenas uma oval.

   ◯ 1: Not at all

   ◯ 2: To a small degree

   ◯ 3: To a large degree

   ◯ 4: Completely

5. **Q5 - Can students understand the difference between a polygon and a polyhedron?** *
   Marcar apenas uma oval.

   ◯ 1: Not at all

   ◯ 2: To a small degree

   ◯ 3: To a large degree

   ◯ 4: Completely

6. **Q6 - Do students have difficulty in applying mathematical formulas and calculating areas?** *

Marcar apenas uma oval.

- ( ) 1: Not at all
- ( ) 2: To a small degree
- ( ) 3: To a large degree
- ( ) 4: Completely

7. **Q7 - Do students have difficulty in solving numerical problems which are associated with difficulties in understanding their linguistic content?** *

Marcar apenas uma oval.

- ( ) 1: Not at all
- ( ) 2: To a small degree
- ( ) 3: To a large degree
- ( ) 4: Completely

8. **Q8 - Do you employ attractive problem-solving activities? For example: robotics, coding, graphics, etc.** *

Marcar apenas uma oval.

- ( ) 1: Not at all
- ( ) 2: To a small degree
- ( ) 3: To a large degree
- ( ) 4: Completely

9. **Q9 - Do students have difficulty in the graphical representation of geometric problems?** *

Marcar apenas uma oval.

- ( ) 1: Not at all
- ( ) 2: To a small degree
- ( ) 3: To a large degree
- ( ) 4: Completely

10. **Q10 - Do you think that the difficulties in problem solving can be linked to the difficulties in visualizing mathematical problems and concepts?** *

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