9 Characteristics to Look for in High-Quality Math Videos

With the leaps and bounds educational technology has made in the last several years, there's a glut of math video resources—but not all are good enough to use in your classroom.

Wondering how to find the best math video resources? Look for these 9 characteristics.

1. **Accuracy**
   Math videos should be accurate. Don't send your students down the wrong path with unvetted videos that might contain wrong information!

2. **Clarity**
   Math videos should be clear. Presenters must speak clearly and concisely, and visual aids should plainly illustrate the major concept.

3. **Fun Visuals**
   Math videos should be visually appealing. Engaging visuals can help keep students' attention and motivation levels high.

4. **Engagement**
   Math videos should keep your students engaged. Dynamic presenters and fun visuals will help your students build a positive attitude toward math.

5. **Brevity**
   Math videos should be short and sweet. Aim for ten minutes or less to maximize student engagement and retention.

6. **Conceptual Understanding**
   Math videos should teach deep, conceptual understanding. Try to skip the videos that just teach tips, tricks, and shortcuts.
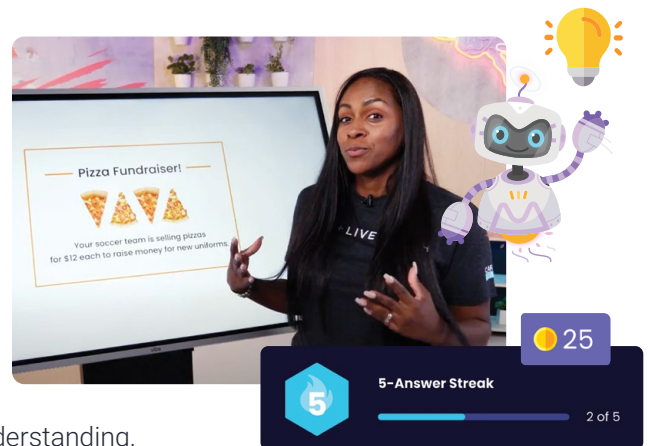
7. **Worked Examples**
   Math videos should have a variety of worked examples, show multiple problem-solving strategies, and highlight common mistakes or misconceptions.

8. **Data Collection**
   Math videos should help you collect data. The more you know about student performance, the better!

9. **Self-Assessment**
   Math videos should help your students understand their own learning. When they can self-assess, they're more likely to persevere and deeply understand the concepts.

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