StREAM by Kortext

# Unlocking student success
## The power of StREAM's engagement algorithm

Discover how StREAM's unique algorithm turns purposeful educational activities into actionable insights, offering institutions new data.

Learn how our approach accurately predicts and improves student retention.

### Our unique algorithm

StREAM predicts student risk through engagement metrics, offering a more reliable indicator than traditional methods.

**Discover how StREAM by Kortext can transform your institution's approach to student engagement. Visit www.kortext.com/stream.**

### Educationally purposeful activities

At StREAM, we define engagement through educationally purposeful activities—such as accessing the Virtual Learning Environment (VLE) or borrowing library materials. This unique codification allows us to capture a true picture of student involvement.

### Data model customisation

Our powerful algorithm adapts to each institution's specific needs, utilising their data and bespoke weightings.

### Comprehensive insights

By combining attendance data with other metrics—such as assessment results and VLE usage—StREAM provides a holistic view of student engagement, enabling proactive support.

### Proven efficacy - peer-reviewed success

Research shows that StREAM can predict student withdrawals with 90% accuracy, identifying at-risk students up to six weeks before they withdraw (NTU 2018).

### Impact on withdrawal rates

The University of Essex has experienced a remarkable 68% reduction in withdrawal rates among low-engaging students over the past four years, thanks to insights derived from StREAM. (Essex, 2022)

### Customisable algorithms

Universities can calibrate their StREAM algorithm to align with strategic goals, ensuring data-driven, relevant, and actionable insights based on data metrics.

### Five engagement categories

Unlike traditional Red, Amber, Green systems that provide a simplistic view of engagement, StREAM combines various data fragments to break down student involvement into five categories based on educationally purposeful activities.

### Machine learning integration

StREAM's algorithm, developed using machine learning techniques, enhances its predictive capabilities through regular calibration, ensuring it remains at the forefront of student engagement analytics.