

The Challenge:

Childrens' education is becoming an increasingly more technology based activity, with almost all schools implementing a PC based learning platforms. This has presented a challenge to teachers and educations administrators in understanding students learning behaviours in a digital environment. Currently, teachers find it difficult to answer questions such as "Are my students on task? Are my students actively engaged in the learning process? Are my students experiencing difficulty using or finding online resources?". Finding objective, data-supported answer to these and other questions is critical in an expanding digital learning environment.

The Solution:

SchoolViewer addresses these issues by implementing true learning analytics in the classroom. SchoolViewer provide real-time (and historical) feedback on students learning behaviour in a completely open learning environment, to teachers, educators and administrators. Access to this information is provided by a clear, user-friendly interface that preserves the natural teaching process. For the first time, teachers will be able to see new indices such as student engagement, attention span, distractibility, resource use and many others, in real time, and adjust their teaching resources and learning design to teach more effectively. SchoolViewer allows educators to assess students academic progress using objective data to make evidence-based decisions about improvements to education methodology.

Learning Impact Outcomes:

- Feedback from teachers and schools that have implemented SchoolViewer in the classroom has been overwhelmingly positive. Reported positive impacts on learning outcomes can be grouped into the following areas:
- Understanding Students Learning Behaviour: SchoolViewer gives teachers insight into individual student learning behaviour and customise teaching methods accordingly.
- Guide Digital Resource Use: Teachers can now see where students are being road blocked on digital resources that are difficult to understand or not helpful. Teachers can also see alternative resources that are self-discovered by students and assess the workflow of students through a lesson, project or specific time period.
- Refine Lesson Design: Teachers can understand (in real time or historically) the level of class engagement in the learning process and refine lesson design to ensure an increasing level of student engagement at school. Teachers can also see the immediate results of changes to pedagogy and share these with other teachers.
- Minimising Off Task Activities: SchoolViewer trials have shown that teachers are not necessarily fully aware of student off task activity during lessons. SchoolViewer provides more transparency to allow teachers to manage this appropriately.

Return on Investment:

SchoolViewer allows school to assess the use of LMS's and software packages by both students and teachers. This allows ICT Managers to review school spending on digital resources in line with actual usage patterns and save money. Additionally, SchoolViewer provides information to teachers and curriculum advisors that assists in allocating resources, testing/assessing changes to teaching methods and provide detailed information on IT hardware use. LearnMeter provides SchoolViewer software free of charge to educational researchers. All of this is provided at a cost that is 50%-75% of the subscription cost of a single LMS.

SchoolViewer.com