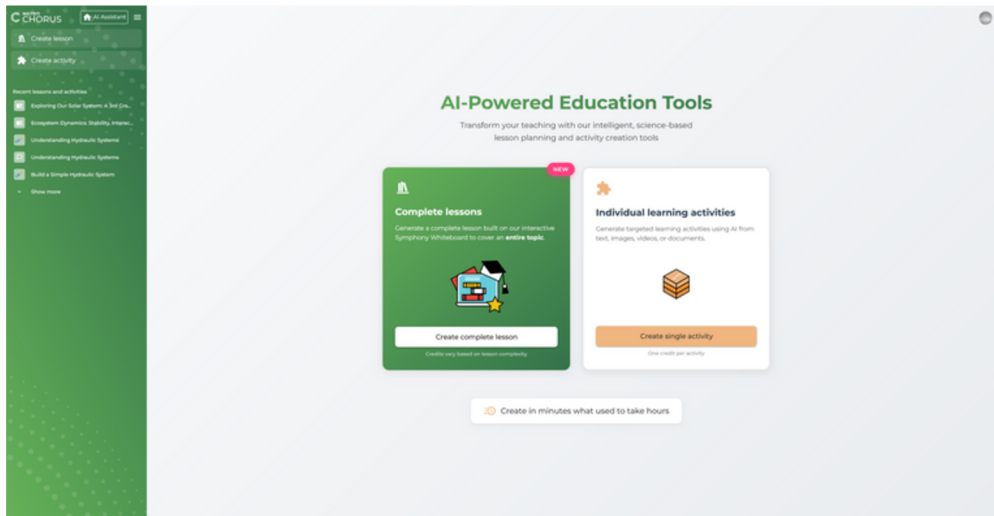


ACTIVATE · SIMPLIFY · TRANSFORM

NUITEQ Chorus's advanced AI Assistant leverages the latest AI technology to transform lesson planning. Curriculum-aligned lessons complete with instructional videos, interactive activities, and assessments are done quickly and effortlessly.

Whether you're teaching in a K-12 classroom or preparing university students for academic excellence, the Chorus AI Assistant is your ultimate companion. It supplements your expertise in delivering engaging, differentiated, and standards-based lessons.



The Chorus AI Assistant advantage

Save Time

Generate complete lessons aligned with US Common Core, UK National Standards, or Australian curricula in seconds. Empowering educators to spend less time on content creation and more on impactful teaching.

Support Differentiated Learning

Provide educational content to the general student population and address exceptional education needs. In addition, built-in AI tools can be used to adjust for scaffolding or acceleration.

Curriculum Development

Integrated into the NUIEQ Chorus teaching and learning platform and paired with its digital makerspace, Symphony, the AI Assistant helps create complete lessons designed to support extended written responses and develop critical thinking skills. The lessons' adaptability to a school's existing curriculum ensures seamless integration and enhancement of learning materials. It's the perfect tool for curriculum developers, teacher coaches, and substitute teacher preparation.

Enhance Engagement

The AI Assistant, combined with Chorus Symphony, creates a dynamic digital makerspace where interactive tools and customizable AI-crafted content foster engagement and creativity. This meets the specific developmental and academic needs of students across a wide range of ages and disciplines, making learning both effective and interactive.

Create a lesson plan for the following standard: Work with radicals and integer exponents. - Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other.

Lesson Plan

Understanding Scientific Notation READ X

A comprehensive text explaining scientific notation, how to convert numbers to and from scientific notation, and its practical applications in measuring extremely large and small quantities.

To provide students with a foundational understanding of how scientists and mathematicians represent very large or very small numbers efficiently.

Scientific Notation Explained: Powers of 10 WATCH X

An animated video demonstrating how to convert standard numbers to scientific notation, with real-world examples from astronomy, biology, and physics.

To visually reinforce the concept of scientific notation and show its practical uses across different scientific disciplines.

Magnitude Matching Challenge MATCH ACTIVITY X

Students will match scientific notation representations with their standard number equivalents and real-world quantity examples (e.g., matching 3×10^6 with "population of a large city" or "distance in meters").

Power of 10 Estimation Game ESTIMATE ACTIVITY X

Students will categorize numbers into groups based on their magnitude, identifying which numbers represent very large, very small, or moderate quantities. They must also exclude numbers that don't fit the specific magnitude categories.

To develop critical thinking skills about number scale and relative magnitude.

Scientific Notation Conversion Drill ARRANGE ACTIVITY X

Students will convert numbers between standard notation and scientific notation in a timed, sequential challenge. Each round increases in difficulty.

To build fluency in converting between different number representations.

Scientific Notation Mastery Quiz QUIZ ASSESSMENT ACTIVITY X

Questions: 1. What is 50,000 in scientific notation? a) 5×10^4 b) 5×10^3 c) 5×10^5 d) 5×10^2 2. Which number represents the smallest quantity? a) 3×10^{-2} b) 2×10^{-3} c) 5×10^4 d) 1×10^1 3. How many times larger is 1×10^6 compared to 1×10^3 ? a) 3 times b) 1,000 times c) 10 times d) 100 times 4. Convert 0.00456 to scientific notation: a) 4.56×10^{-3} b) 4.56×10^{-2} c) 4.56×10^{-4} d) 4.56×10^{-1} 5. Which of these represents the diameter of a human hair? a) 1×10^{-3} meters b) 1×10^{-2} meters c) 1×10^{-4} meters d) 1×10^{-5} meters

To assess students' understanding of scientific notation, magnitude comparison, and conversion between different number representations.

Create Lesson 5 Uses 5 credits

The generated items can be further edited after creation.

How it works

Input a Prompt: Start with a standard, competency, learning target, or any custom prompt.

AI-Generated Content: The AI Assistant builds complete, curriculum-aligned lessons directly in Symphony, NUITEQ's digital makerspace.

Customize & Share: Use the generated lesson for direct instruction, collaborative activities, or individual assignments.

Use cases

For Teachers: Create differentiated lessons quickly and effectively for any topic or grade level.

For Curriculum Developers: Produce scalable content to save time and focus on teacher support.

For Professional Trainers: Tailor lessons for corporate or academic training needs.

Transform Education with the Chorus AI Assistant

NUITEQ Chorus AI Assistant combines the power of Artificial Intelligence with the versatility of Symphony to enhance teaching and learning.

NUITEQ Symphony is a powerful digital makerspace designed to engage students in deeper thinking and analytical skills. It empowers teachers to deliver interactive, hands-on learning through its integrated whiteboard while providing students with the tools to create, experiment, and explore using diverse digital media tools. By encouraging active participation, it promotes deeper engagement and critical thinking.

Empower educators. Inspire learners. Save time.

