



Bringing music into STEAM education

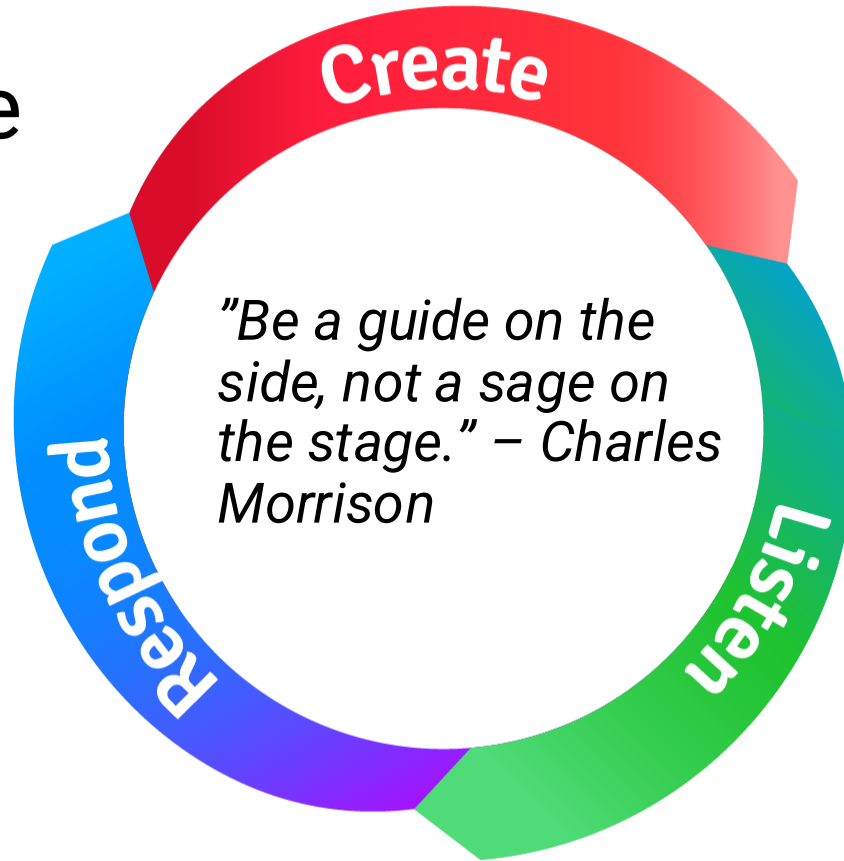
About us

At New Harmony Line, we are passionate about putting the power to create music into everyone's hands. Our Hyperscore technology enables anyone to express themselves through original music.

No mastery of instruments or theory needed!

Easy to learn and to teach, Hyperscore empowers educators in any subject to include music as a medium for students to express ideas and experiences.

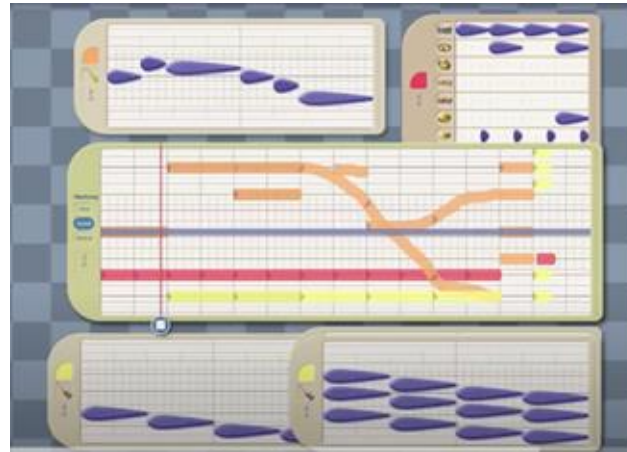
The Hyperscore Way



Visual art:

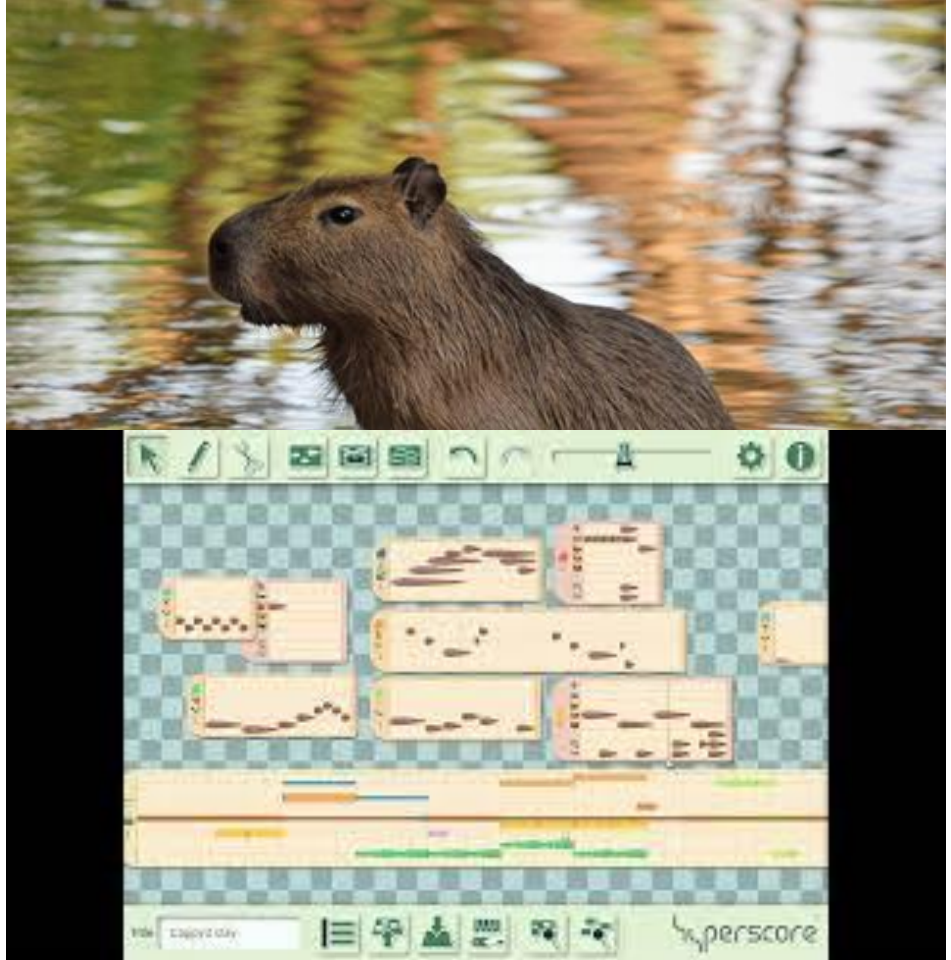
Taking a line of music for a walk

Inspired by this Paul Klee painting and his notion that a drawing is “taking a line for a walk,” we composed a six-note motif (orange), took it “for a walk” going down a hill followed by a second strand going up. We then came up with percussion beats to inject energy and a jazzy vibe to the tune.



Storytelling: Cappy's Day

Invent characters for a story. What are their personalities? Where do they live? What's the action? How does the story unfold? In this video, we introduce the motifs for each character in this story: A jolly capybara, his happy music and footsteps, the sparkly river and a crocodile! These elements are combined to tell a story. Listen to see if you can figure out what happens.



Harmonizing a Haiku

“In the Autumn Night”

Set a haiku to music. We chose one by the great master, Basho:

*In the autumn night
Breaking into the silence
Voices murmuring*

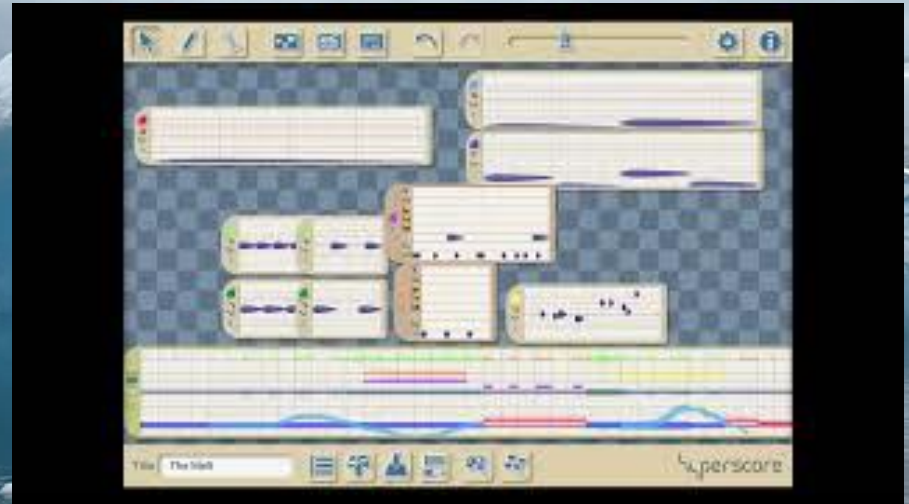
Speak the lines out loud to explore the natural tonalities and rhythms of language. See what happens when the lines are repeated and overlapped. Choose instruments that express the mood and content of the poem.



A canticle for climate change

The Melt

We came across [an article](#) about recording the sound of an ancient glacier melting – the sound of climate change. Can we capture this sound with music? Is it repetitive like a clock or more irregular? What instruments work best? What feelings does the sound arouse?



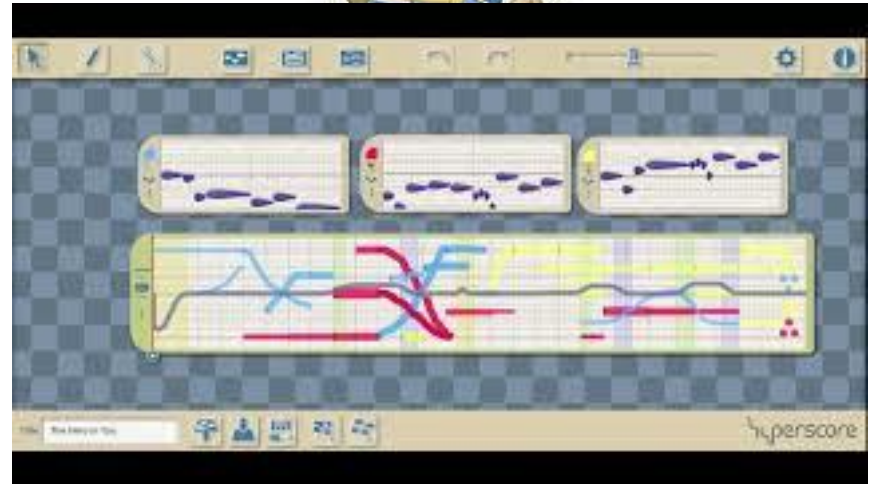
Social emotional skills

“The Hero in You”

We read *Harmony Hare*, a picture book for young children by Tammy Vallieres. We meet little hare's three personas, shy, bully and hero hare. The story encourages children to recognize these inner states. Each inspired a theme (in blue, red and yellow), and the composition brings them into relationships with one another.

Harmony Hare

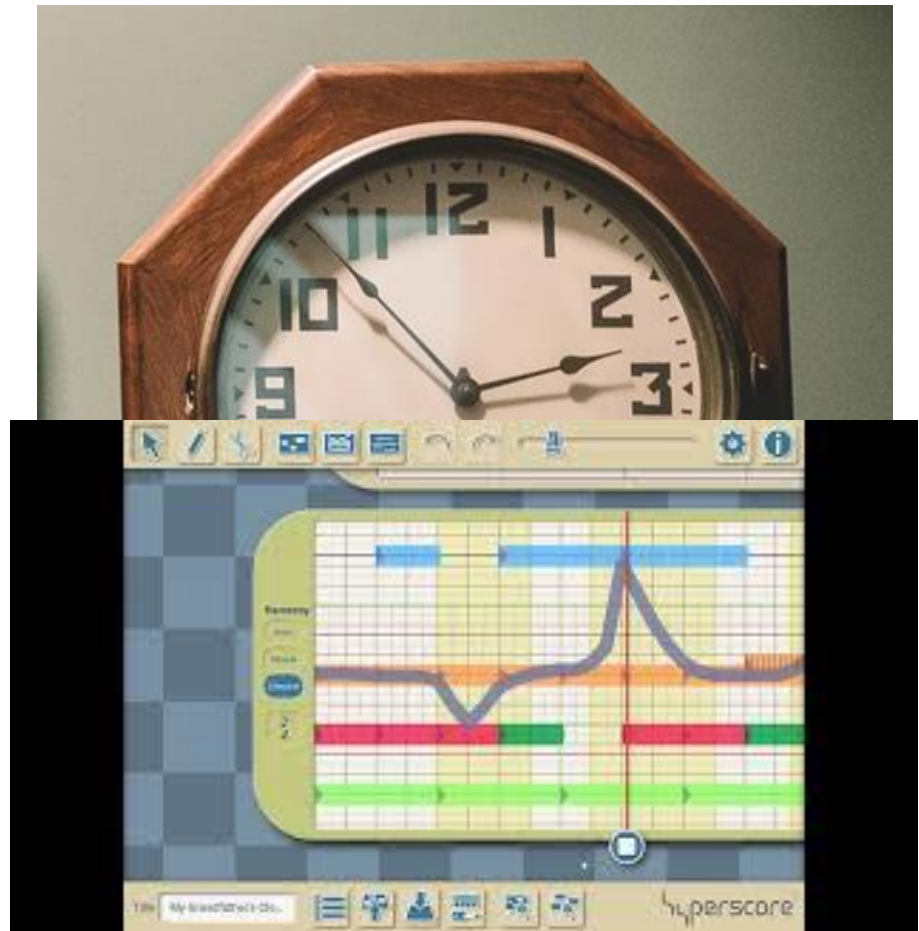
And Her Three Voices



History and social studies

“My grandfather’s clock”

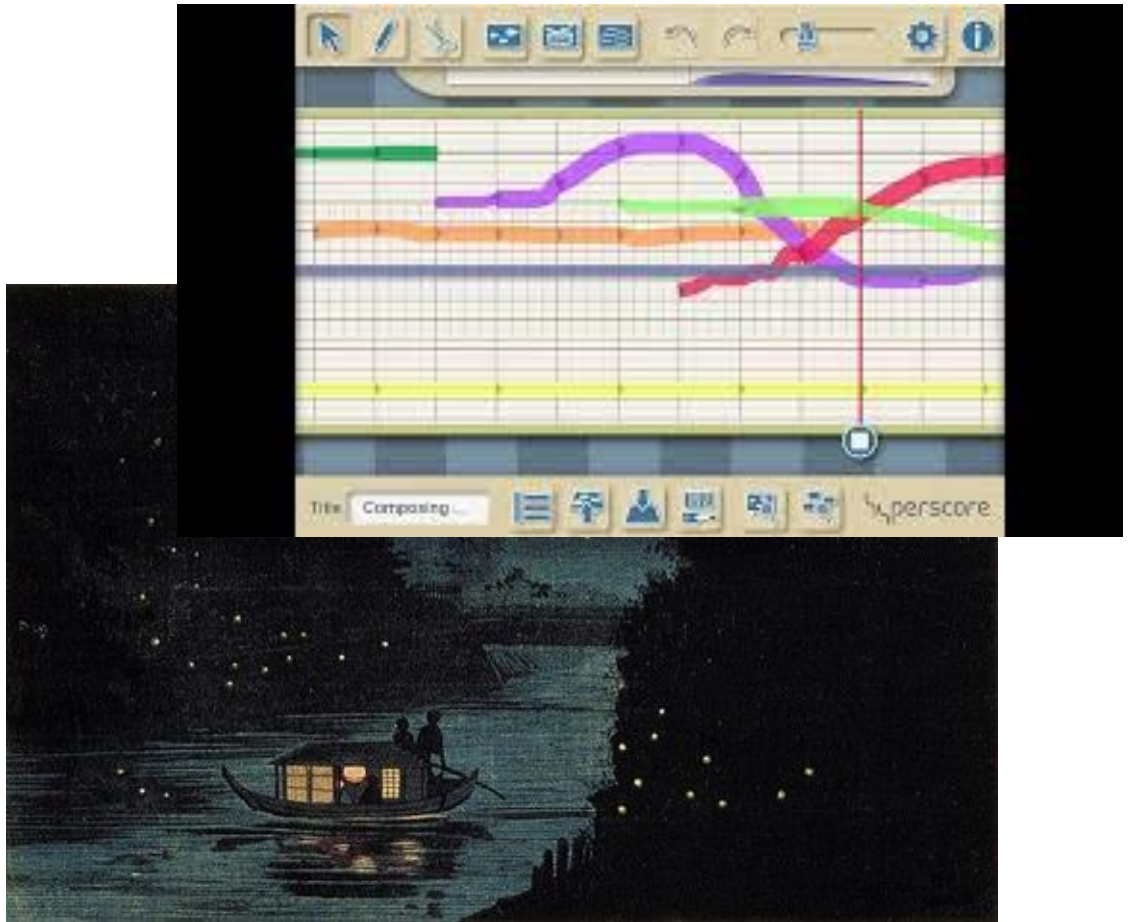
An older man recalls a favorite song from his childhood in India. He hums a few bars, which are put into Hyperscore. It is reminiscent of the grandfather’s clock song, which prompts the use of wooden percussion sounds. This was a delightful exercise in bringing the past to life through music.



Ecology and nature

Dance of the fireflies

An image of fireflies lighting up the night inspired this composition. The “firefly melody” portrays the on-off flashing of lights. The jaunty melody captures the festive mood. It’s is rhythmic but irregular because this is life, not a machine. The same theme is copied and varied slightly. Other sounds portray the leaves rustling in the wind.



Technology & history

The Countess of Lovelace

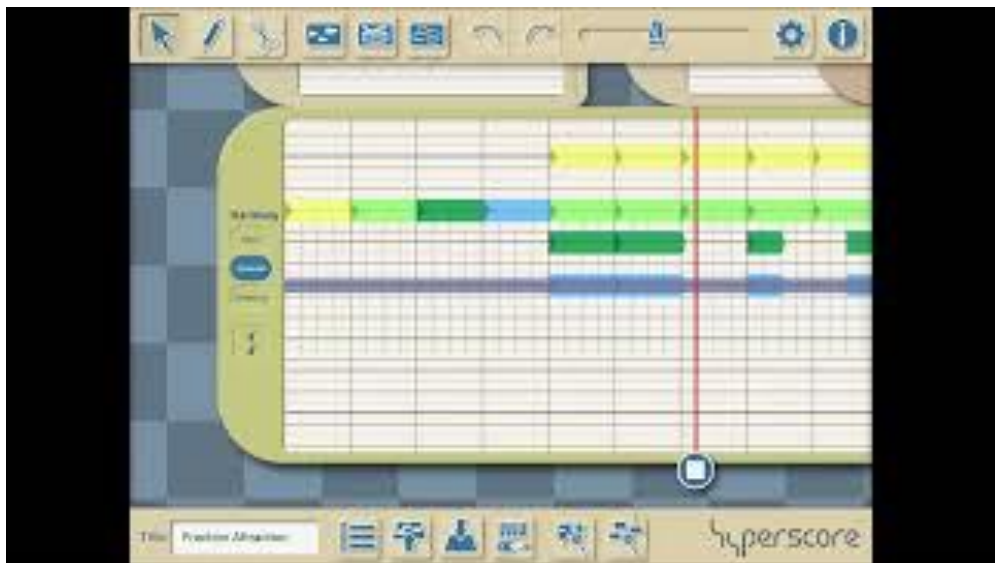
Ada Lovelace invented computer programming for the world's first computer, the Analytical Machine of Charles Babbage. A video of a modern replica of the Analytical Engine inspired a young Hyperscore composer to create a piece that portrayed the clatter of the moving parts against a melodic theme reminiscent of English popular music of the time.



Math

Fraction attraction

A simple example using the length of musical notes to represent fractions. Each motif represents a specific note length: whole, half, quarter, eighth, etc. Students can see how many of each fractional note take the same amount of time as a longer note. Hyperscore can support thirds, fifths – any type of fraction!



“This is an absolutely gorgeous product. It is stunningly beautiful, and so brilliantly well-conceived and executed. It has great potential for music educators and for children as creative human beings.”

— Barbara Freedman, TiME Technology
Music Educator of the Year

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