

# Studycat Introduces First Phoneme-Level Pronunciation Feedback for Children's Language Learning

*VoicePlay™ feature delivers granular speech guidance by analyzing individual sounds within words*

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/EINPresswire.com/ -- Studycat, a leading developer of children's language learning applications, today announced VoicePlay™, the first consumer educational technology to provide phoneme-level pronunciation feedback for young language learners. Unlike traditional language apps that offer simple correct/incorrect feedback, VoicePlay™ analyzes individual sounds within words and provides specific guidance on each phoneme's pronunciation accuracy.



Studycat Learn English with VoicePlay

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VoicePlay™ breaks down every word into its component sounds and shows children exactly which parts they're mastering and which need practice. It's like having a pronunciation coach built into the game”

*Mark Pemberton CEO and Co-founder of Studycat*

The breakthrough addresses a fundamental limitation in digital language learning: while most voice-enabled educational apps can detect whether a word was pronounced correctly overall, they cannot identify which specific sounds need improvement or guide learners toward proper pronunciation technique. This gap has left young learners without the detailed feedback that professional language instructors and speech therapists provide in traditional settings.

VoicePlay™'s phoneme feedback engine evaluates each sound component within spoken words and provides color-coded visual feedback showing learners exactly which sounds were pronounced accurately and which

need refinement. This granular approach enables children to understand not just that their pronunciation needs work, but specifically how to improve individual sounds within words.

"Traditional language learning apps tell you if you're right or wrong, but they don't teach you how to get better," said Mark Pemberton, CEO of Studycat. "VoicePlay™ breaks down every word into its component sounds and shows children exactly which parts they're mastering and which need practice. It's like having a personal pronunciation coach built into the game. This makes Studycat the best kid language learning app in the industry"

The technology combines this sophisticated pronunciation feedback with speech recognition specifically optimized for children's vocal patterns. The system operates entirely on-device, requiring no internet connectivity and ensuring voice data never leaves the user's device—addressing privacy concerns while enabling real-time feedback during gameplay.

Key innovations in VoicePlay™ include:

- Phoneme-Level Feedback: Individual sound evaluation within words with specific feedback on pronunciation accuracy for each component
- Color-Coded Visual Guidance: Real-time visual indicators showing which sounds were pronounced correctly and which need improvement
- Child-Optimized Recognition: Speech processing trained specifically for children's voice patterns and developmental pronunciation stages
- On-Device Processing: Complete pronunciation feedback without internet connectivity or voice data transmission

The granular feedback approach enables young learners to focus their practice on specific sounds rather than repeatedly attempting entire words without understanding which components need improvement. By identifying exactly which phonemes require attention,



Studycat VoicePlay - Perfect pronunciation



Studycat Learn English game play

children can target their pronunciation practice more effectively.

"VoicePlay™ adds a valuable new layer to language learning by helping children actively speak and receive precise, granular feedback on individual sounds," said Jake Whilddon, Head of Learning at Studycat. "Seeing kids understand exactly which parts of words they're pronouncing well and which need work represents a significant advancement in how technology can support pronunciation development."

Studycat has implemented privacy protections including COPPA and HIPAA compliance standards. The on-device processing approach ensures voice data remains on the user's device throughout the interaction.

"Adding VoicePlay™ to our games opens up wholly new and unique interaction possibilities - it's literally hands-free language learning." said Mateo Solares, Chief Product Officer. "With the instant feedback of on-device recognition, our games react immediately to kids' speech, meaning fast-paced gameplay, which also works offline. At Studycat we have always put fun first, and with VoicePlay™ we just doubled the fun!"

VoicePlay™ is available now in Studycat's Learn English app through the [App Store](#) and [Google Play](#) Store.

About Studycat:

Studycat offers five children's language learning apps—English, Spanish, French, German, and Chinese—each designed with the perfect mix of educational expertise and playful engagement. With 50,000+ five-star reviews, our apps help children explore new languages through captivating games, songs, and stories.

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