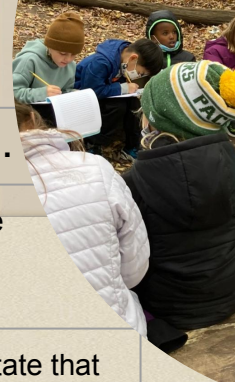# Multiple Language Learning in Nature-Based Classrooms

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Natural Start Webinar, 2024
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| We know this about outdoor learning… | So we might infer for emergent multilingual students… |
|---|---|
| Students produce longer utterances with more lexical diversity in an outdoor, child-led setting (Richadson & Murray, 2017). | That the outdoors is a setting that can offer opportunities for the increased talk necessary for language development. |
| Children are more likely to be in relaxed mental state in natural settings as compared to indoor, formal learning settings (Leppink et al., 2016). | That the outdoors might offer the relaxed, yet active and alert state that is optimal for learning language. |
| Realia are ever-present in outdoor settings (Jennerjohn, 2022). | That language learning can be enhanced by the realia that are readily available outdoors. |
| A variety of pedagogies can be implemented in outdoor settings. | That explicit, developmentally-appropriate language instruction can be conducted in outdoor settings.<br><br>That content-rich, inquiry-driven pedagogies, with opportunities for intentional embedded vocabulary development, are also well-supported by the outdoors. |
| Physical movement is enhanced outdoors (e.g., Álvarez-Bueno et al., 2017). | That the Total Physical Response methodologies could be readily implemented in the outdoors. |
| Overall literacy scores on standardized tests improve when students consistently participate in environmentally-based education (Ernst & Stanek, 2006). | That outdoor learning may give emergent multilingual students a boost in their literacy trajectories (Kuo et al., 2019). |

# Resources:

**WIDA Focus Briefs:**

Language-Focused Family Engagement

Promoting Equity for Young Multilingual Children and Their Families
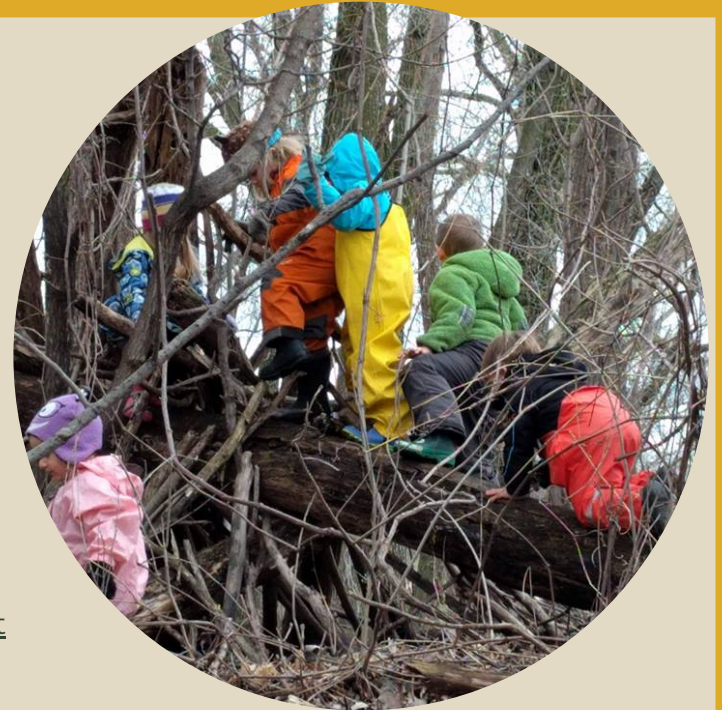
Making Science Multilingual

Words for Science Learning: Which Words and When?

Translanguaging

**Podcast:** How Science Strengthens Literacy and Language Development

**Blog:** Using Inquiry-Based Learning with Multilingual Learners



**Rockman et al**
**Cooperative**
Research & Evaluation