

Customizations to Promote Translanguaging in Science

Tools	Routines
Translations of readings offered	Explicitly welcome translanguaging
Multilingual & multimodal worksheets	Create small groups by home language
Digital translation tools (teachers & students)	Think-Pair-Share, grouped by home language
Multilingual & multimodal anchor charts	Explicitly model translanguaging
Multilingual & multimodal word walls	Talk about cognates across home languages
Multilingual sentence starters	Use consistent multilingual & multimodal talk structures
Multilingual & multimodal lesson slides	Talk about the importance of translanguaging with all students

Whole Group Moments	Small Group Moments
Encourage students to use linguistic & non-linguistic modes to express their ideas	Intentionally group students to support translanguaging
Highlight cognates in science	Provide students opportunities to talk in small groups before whole-class discussions
Use multiple types of representations to develop students' understandings of new vocabulary	Allow students to use both content-specific and everyday words to express their ideas
Explicitly address how language is/can be used for scientific sensemaking	Purposeful use of sentence starters to scaffold science practices
Unpack the meaning of certain words in the context of science	Encourage students to use linguistic & non-linguistic modes to express their ideas

