BOOKS

## A 'million word gap' for children not read to at home



## PTI <br> PRESS TRUST OF INDIA

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Parents who read them five books a day help them build a better vocabulary ahead of kindergarten

Young children whose parents read them five books a day enter kindergarten having heard about 1.4 million more words than children who were never read to, a study has found.

This "million word gap" could be one key in $\boldsymbol{\wedge}$ laining differences in vocabulary and
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"Kids who hear more words are going to be better prepared to see those words in print when they enter school," said Ms. Logan, lead author of the study published in the Journal of Developmental and Behavioural Pediatrics.
"The fact that we had so many parents who said they never or seldom read to their kids was pretty shocking to us. We wanted to figure out what that might mean for their kids," she said.

The researchers identified the 100 most circulated books for both board books (targeting infants and toddlers) and picture books (targeting preschoolers).

They randomly selected 30 books from both lists and counted how many words were in each book. They found that board books contained an average of 140 words, while picture books contained an average of 228 words.

With that information, the researchers calculated how many words a child would hear from birth through his or her 5th birthday at different levels of reading.

They assumed that kids would be read board books through their 3rd birthday and picture books the next two years, and that every reading session (except for one category) would include one book.

They also assumed that parents who reported never reading to their kids actually read one book to their children every other month.

Based on these calculations, children who have never been read to would have heard 4,662 words by the time they were 5 years old. Those who are read five books a day, hear about 1,483,300 words.
"The word gap of more than 1 million words between children raised in a literacy-rich environment and those who were never read to is striking," Ms. Logan said.

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