

Face masks don't hide emotions from kids: study

November 16 2021



For children, masks don't mask the emotions of others, a new study

shows.

It included nearly 300 children, ages 3-6, who were shown 90 pictures featuring actors who expressed joy, sadness or anger. In half of the pictures, the actors wore face [masks](#).

In most cases, the children correctly identified the actors' emotions whether they were wearing a mask or not, according to the study published Nov. 15 in the journal *JAMA Pediatrics*.

Overall rates of successfully reading emotions were more than 67% when the actors wore masks and more than 70% when they didn't wear masks. Older children had higher success rates. About a quarter of preschoolers had greater difficulty distinguishing sadness from anger and about 21% sometimes confused joy for anger or sadness.

"Actual face masks depicted in static pictures were significantly associated with emotion recognition in healthy preschool children, although differences were small and effect sizes were weak," the researchers from University Hospital Lausanne in Switzerland wrote.

The findings challenge concerns raised by some that the use of [face masks](#) in schools may harm younger [children's](#) development.

"Even with masks being worn, little kids can probably still make reasonable inferences about other people's emotions," Ashley Ruba, a developmental psychology expert in the Child Emotion Lab at University of Wisconsin-Madison who has made similar findings during the pandemic, told *CNN*.

"I like to point out that the face isn't the most important way we communicate our emotions, it is only one way. We also use tone of voice, we have body posture, we have other kinds of contextual clues

that kids and adults can use to figure out how people are feeling," Ruba said.

More information: Visit the U.S. Centers for Disease Control and Prevention for more on [masks](#).

Juliane Schneider et al, The Role of Face Masks in the Recognition of Emotions by Preschool Children, *JAMA Pediatrics* (2021). [DOI: 10.1001/jamapediatrics.2021.4556](#)

Copyright © 2021 [HealthDay](#). All rights reserved.

Citation: Face masks don't hide emotions from kids: study (2021, November 16) retrieved 17 July 2024 from <https://medicalxpress.com/news/2021-11-masks-dont-emotions-kids.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--