

# Naming and Expressing Quantities – common errors and how to get rid of them

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MLÁDEŽE A TĚLOVÝCHOVY



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DO ROZVOJE  
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In common language, we try to adhere to its established rules –  
orthography and grammar,  
as expressed by textbooks and  
dictionaries

What about specific language of  
science?

Are you aware of any proper guides  
how to express yourselves,  
when speaking or writing on  
quantities?

Did you be taught on it?

# Ortography

# Examples of bad habits

- From IPCC, AR5, WG I, SPM p. 10:

9,5 [8,7 až 10,3] GtC.rok<sup>-1</sup>,

9.5 [8.7 to 10.3] GtC yr<sup>-1</sup>

What problems do you see here?

(see letter [GtC](#) and [GtCO2](#) in [AR5](#) for more)

GtC, GtCO<sub>2</sub>

What could such expression mean?

Are they meant as units of... Amount of substance (Stoffmenge, látkové množství)?

Or as some special units of mass? How different from standard units?

# NIST, BIPM

Their publications are the guides we all should follow

Heat, power, work  
Teplo, výkon, příkon, práce

(fyz. pozorování, veličiny)