

# Teaching Entropy with Fun

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## **Abstract**

The abstract nature of the quantity “entropy” as it is commonly taught can be regarded as obstacle to students’ understanding of chemical thermodynamics. Therefore, we propose a simpler approach to this basic quantity. It is firstly characterized by its typical and easily observable properties, i.e., by creating a kind of “wanted poster”, followed by a direct measuring procedure. Illustrative demonstration experiments help to improve understanding and to forge links to everyday experience.

## **References**

Job G, Rüffler, R, Physical Chemistry from a Different Angle. Springer, Heidelberg, New York, 2016