# Conflict grid

***Education in Chemistry***September 2019  
[rsc.li/2XYF9A2](https://rsc.li/2XYF9A2)

Use this table to challenge students’ preconceptions around what happens when you heat metals. You can adapt the table for other topics.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **I am SURE this is right** | **I think this is right** | **I think this is wrong** | **I’m SURE this is wrong** |
| A When heated, metal objects become larger. |  |  |  |  |
| B When heated, metal objects become smaller. |  |  |  |  |
| C When heated, the particles in a metal object move faster. |  |  |  |  |
| D When heated, the particles in a metal object become larger. |  |  |  |  |
| E When heated, the particles in the metal object become smaller. |  |  |  |  |