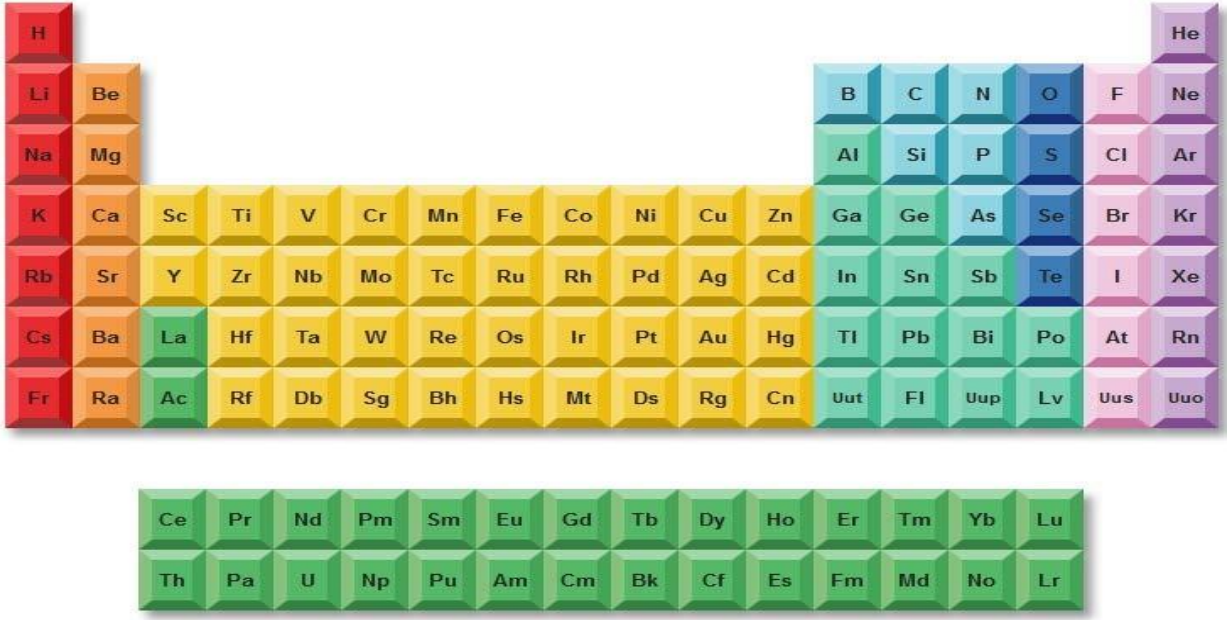
AMERICAN ELEMENTS

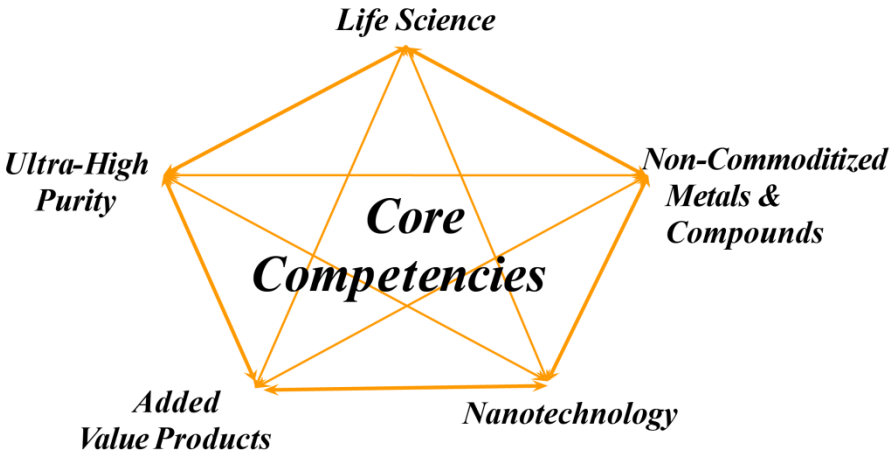
THE MATERIALS SCIENCE MANUFACTURER®



Now Invent.™

AMERICAN ELEMENTS

Selected Global Customers



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MMOs

Mixed Metal Oxides

Battery Electroceramics

EV Battery Cathode Material

- NMC – NiMnCo(Li)
- LFP – Li Iron Phosphate

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MXenes

2-Dimensional Carbides & Nitrides

H_2 Generation, 5G Antennas, Medical Devices

TiAl Carbide

NiAl Carbide

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CERAMIC FIBERS

Microscale Embedded Ceramic Matrices
Lightweight Aerospace & Automotive Heat Shielding
- **Silica & Silicon Carbide**
- **Aluminum Oxide (High Purity)**
- **Graphite**

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AEROSPACE COMPOSITES

Ceramic Composite in a Polymer or Metal Matrix
Micro- and Nanoscale
Aerospace , Automotive, & Military Coatings
High Temperature Applications

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ELECTROLYTES & CATHODES

Solid Oxide Fuel Cells

- LSM
- Gadolinium-doped Ceria
- YSZ
- Scandia-stabilized Zirconia