

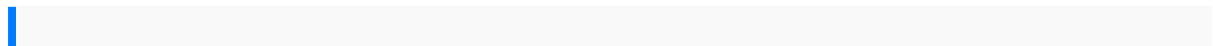
# Applied minds how engineers think

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**How does an engineer think?** Engineers use a unique mode of thinking based on seeing everything as a system. They see structures that aren't apparent to the layperson, they know how to design under constraints, and they understand trade-offs. Adopting an engineering mindset can help you in any field.

**What mindset do engineers have?** When we think of the engineering mindset, we often think of a rational, methodical process. Both are important traits, but what about creativity? Engineering is often problem solving. It requires an ability to think outside the box and visualise a number of alternative solutions and scenarios.

**What type of thinker is an engineer?** Engineers are visual or non-verbal thinkers in general. Not only do we represent physics in our minds, we are also able to rotate static objects to understand them better.



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