

My sister was abducted from me.  
The person who took her was never found. And neither was she.  
So I'm back here now trying to find the truth.

Atlee Pine has spent most of her life trying to find out what happened that fateful night in Andersonville, Georgia. Her six-year-old twin sister, Mercy, was taken and Atlee was left for dead while their parents were apparently partying downstairs. One person who continues to haunt her is notorious serial killer Daniel James Tor, locked away in a Colorado maximum-security prison. Does he really know what happened to Mercy?

And Atlee chose a career...

## Chemical Equilibrium

The problem sets in the chemical equilibrium section of Exploring Chemistry Year 12: Investigations and Problems, provides opportunities for students to explore:

- reaction rates and energy
- the effects of concentration, temperature, pressure, the presence of catalysts and surface area on the rate of chemical reactions
- equilibrium constant expressions
- using Le Châtelier's Principle to predict the effect of changes to reaction conditions on a system at equilibrium