



ACS
Chemistry for Life®

Celebrating Chemistry

NATIONAL CHEMISTRY WEEK

AMERICAN CHEMICAL SOCIETY

~~FAST~~ OR SLOW

Chemistry Makes It Go!

OCTOBER 17-23, 2021

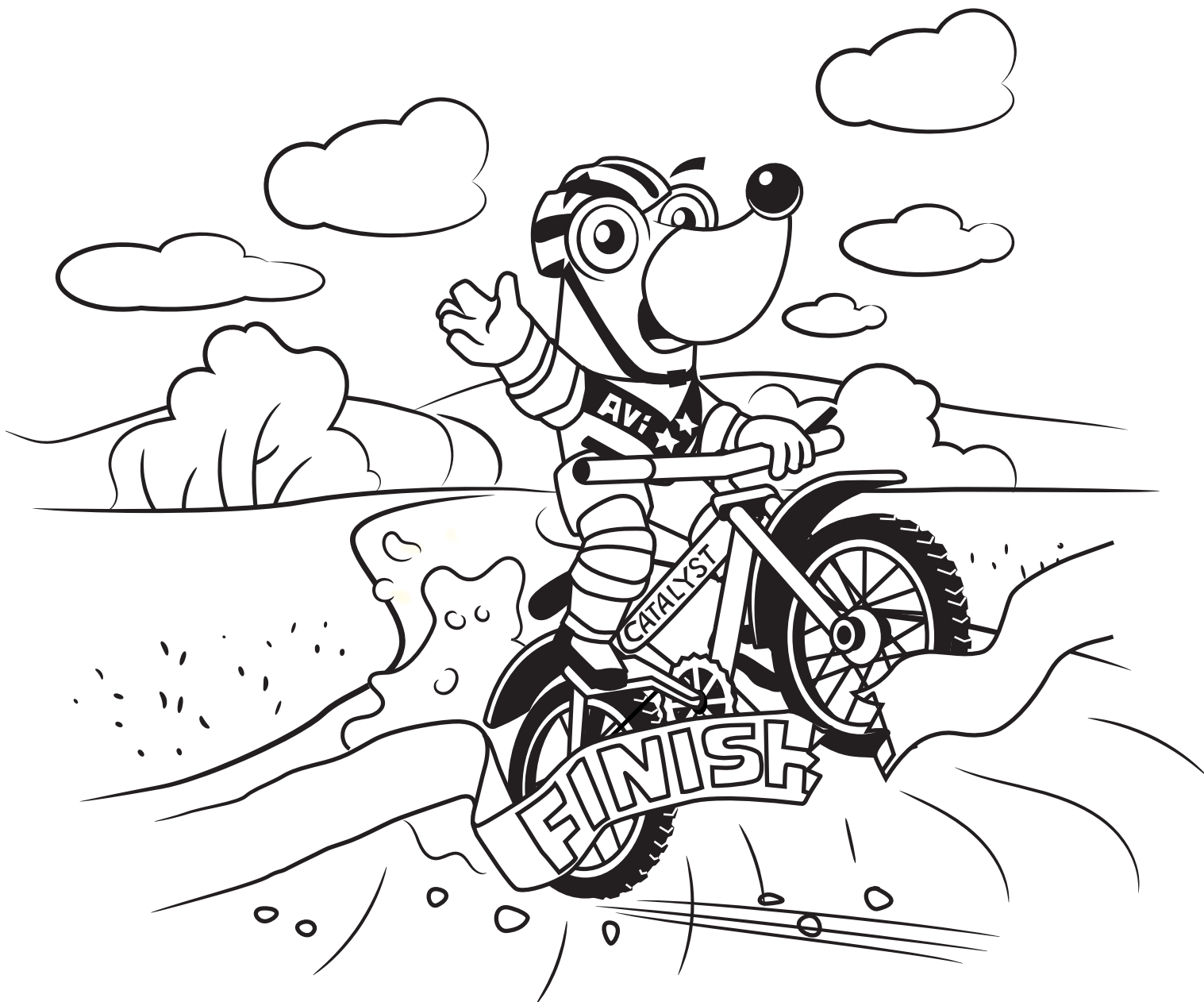
Coloring Book

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**A chemical reaction is an interesting process,
Reactants become products as reactions progress.**



**A substance called a catalyst can make a reaction go faster,
And sometimes the speed is a very important factor!
Catalysts lower the energy needed for the reaction to go forward,
The products are atoms that have just been reordered.**



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**The opposite of a catalyst is this kind of contributor,
Reactions go slower with a chemical inhibitor.**

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**To make a reaction last longer, turn the temperature down low.
When the surroundings are cold, the reaction goes slow.**

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**An exciting fast reaction can't be beat!
To increase the speed, turn up the heat.**

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**The bigger the surface for the reaction to happen,
The more surface area, the faster it gets done.**

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**Now you know reactions happen fast and slow,
No matter the speed, chemistry makes it go!**



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WEEK