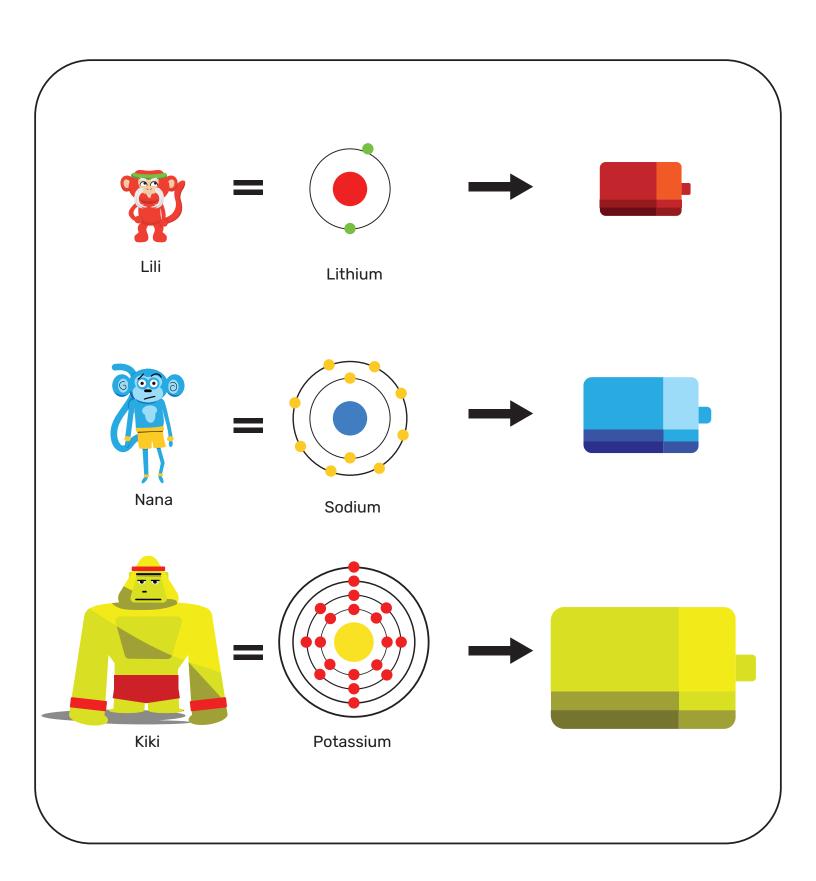
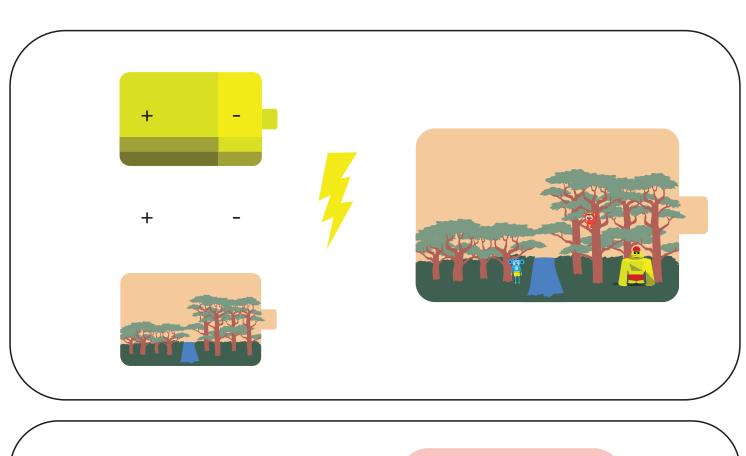
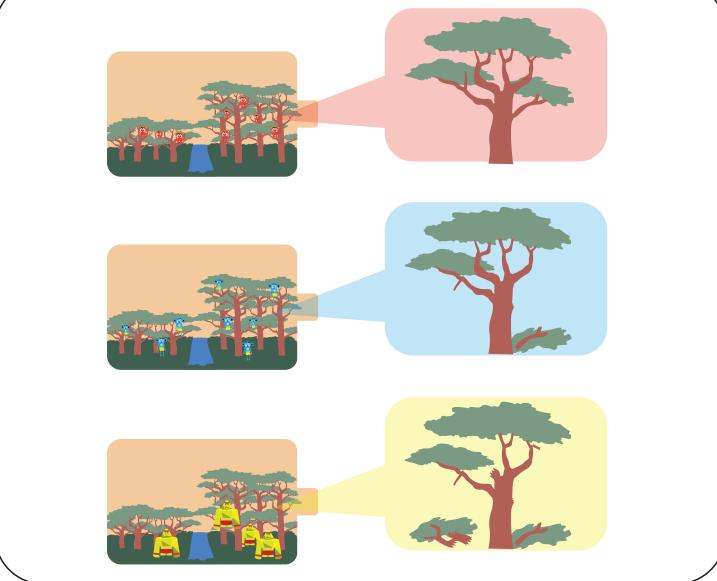
INFOGRAPHICS

The infographics will be used in the published book as an way to explain what the characters represent.



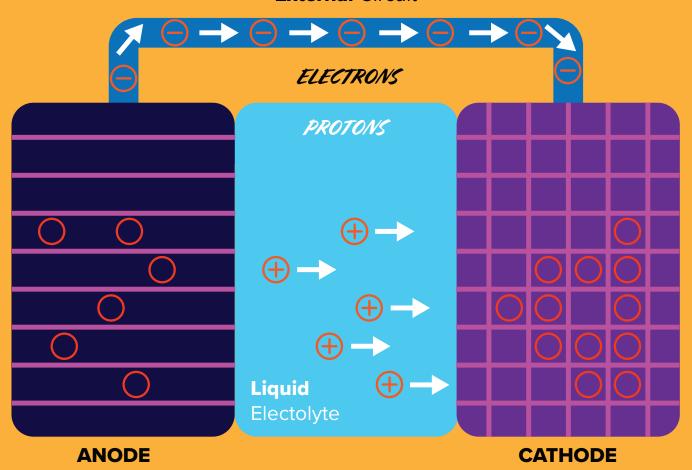




Na-ion & K-ion Batteries

Replacing Li with more abundant Sodium (Na) or Potassium (K) can reduce cost of batteries for stationary applications. Na-ion and K-ion batteries requires new material chemistries because they are larger and heavier compared to Li ions.

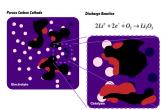
External Circuit



RESEARCH

Li-Oxygen Batteries

Lithium Oxygen batteries have higher theoretical capacity compared to Li-lon batteries. However, irreversible parasitic reactions and poor understanding of surface chemistries prevents reaching its theoretical capacities.



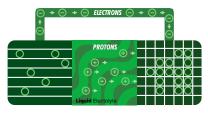
Li-ion Batteries

Lithium (Li)-ion batteries dominates the current landscape of energy storage for portable electronics. However, more demanding applications such as electrical vehicles requires fast charging of Li-ion batteries, which causes performance loss.



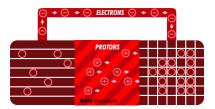
Na-ion & K-ion Batteries

Replacing Li with more abundant Sodium (Na) or Potassium (K) can reduce cost of batteries for stationary applications. Na-ion and K-ion batteries requires new material chemistries because they are larger and heavier compared to Li ions.



Solid Electrolytes

Replacing organic liquid electrolytes in Li-ion batteries with solid electrolytes can prevent batteries catching fire and allow new battery chemistries. However, interfacial instabilities between electrolyte electrode is the bottleneck of solid electrolytes.



CHARACTER TURNAROUNDS

This is an example of a character turnaround, a reference for future designers working on the project when illustrating scenes with the character's we designed.







FUTURE ILLUSTRATION PLANS

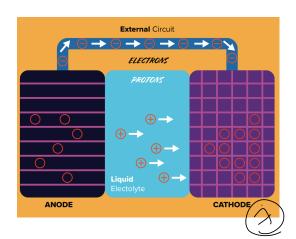


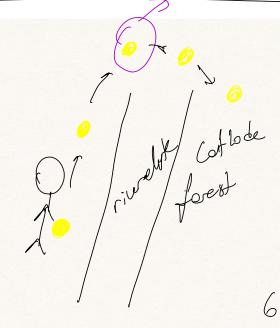
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boletin our

Do you know how I power your world? when you wont to play with your phone, I also play my garress!







First, I throw my electroball
to she boshet in the air.
when I some, it gives
power to your device.
Then, I swim ocross
the riverlike and climb
the riverlike and climb
the forest
to find my soll.
when I leave my home
and reach to forest, yourso
my ward powers yourso

I need your help but I feel times after playing, to go back home Should fired. Con you charge my softery world? Do you know what hoppens! when you charge Do you know Jost Lattery, It helps me to there are so many throw my soll book different worlds of lotteries? to have er 2 Jump Suon from trees. I want to introduce you my friend's world

Mora and Kilis



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