

RECYCLE or NOT?

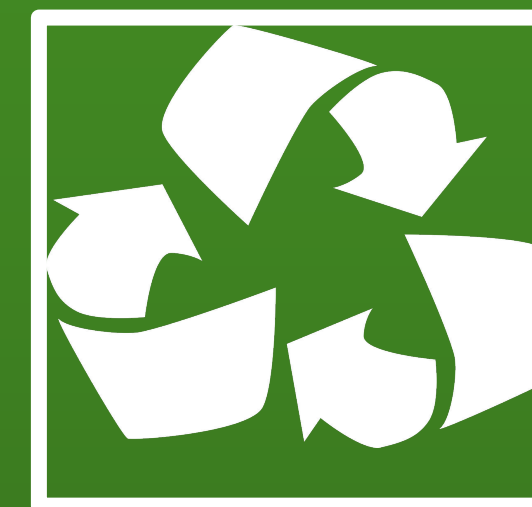
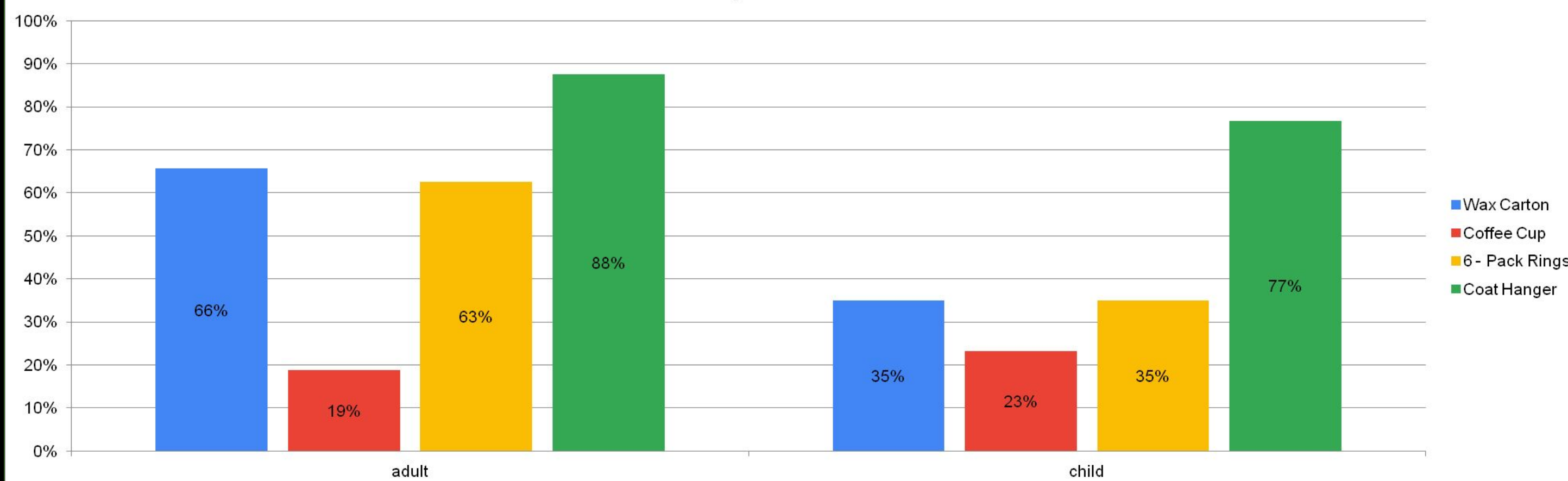
Question: Do children know more about recycling than adults?

Method: I surveyed 79 people from school and my neighborhood asking specific questions such as... if wax cartons, coffee cup lids, 6-pack rings, and coat hangers are recyclable or not.

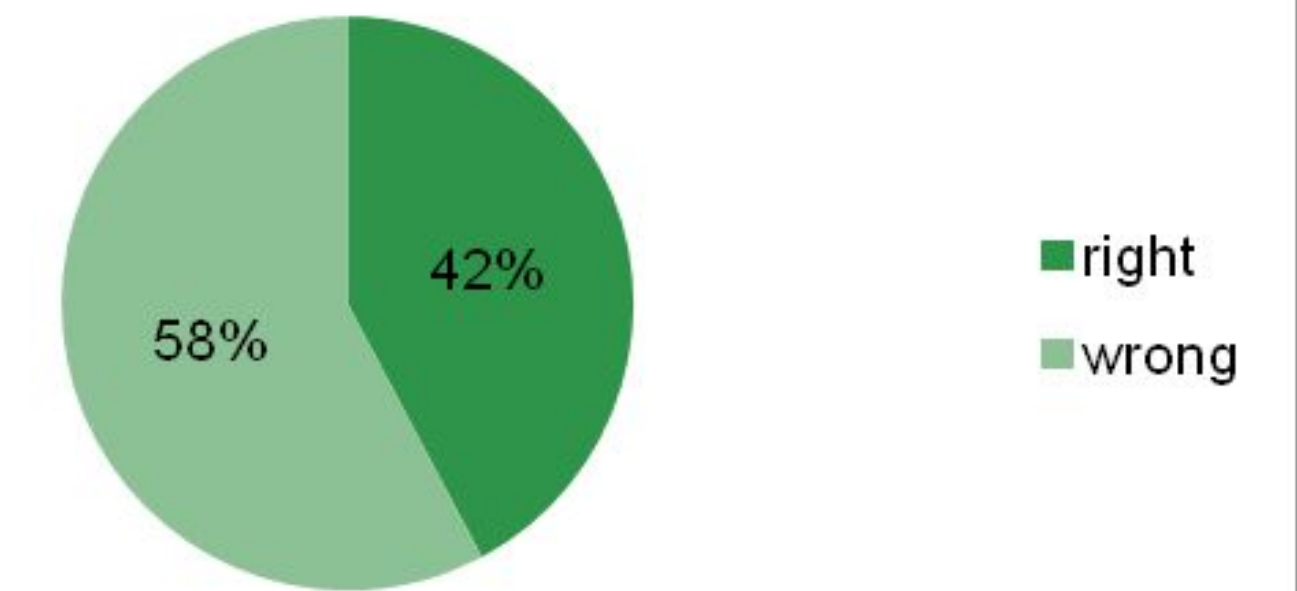
Prediction: I believe that most adults will know more about recycling than kids, which would mean that we would need to start teaching children about recycling.

Purpose: I wanted to know if people really understood how to recycle (what things can and cannot be recycled).

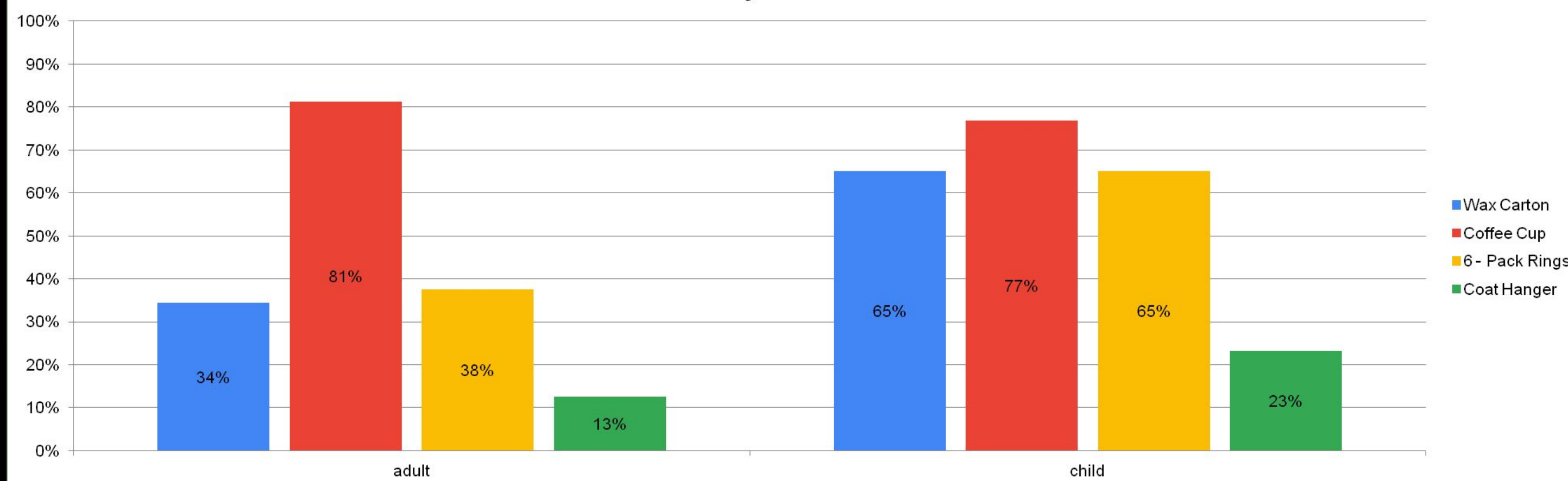
Percent Correct by Question: Adults vs Kids



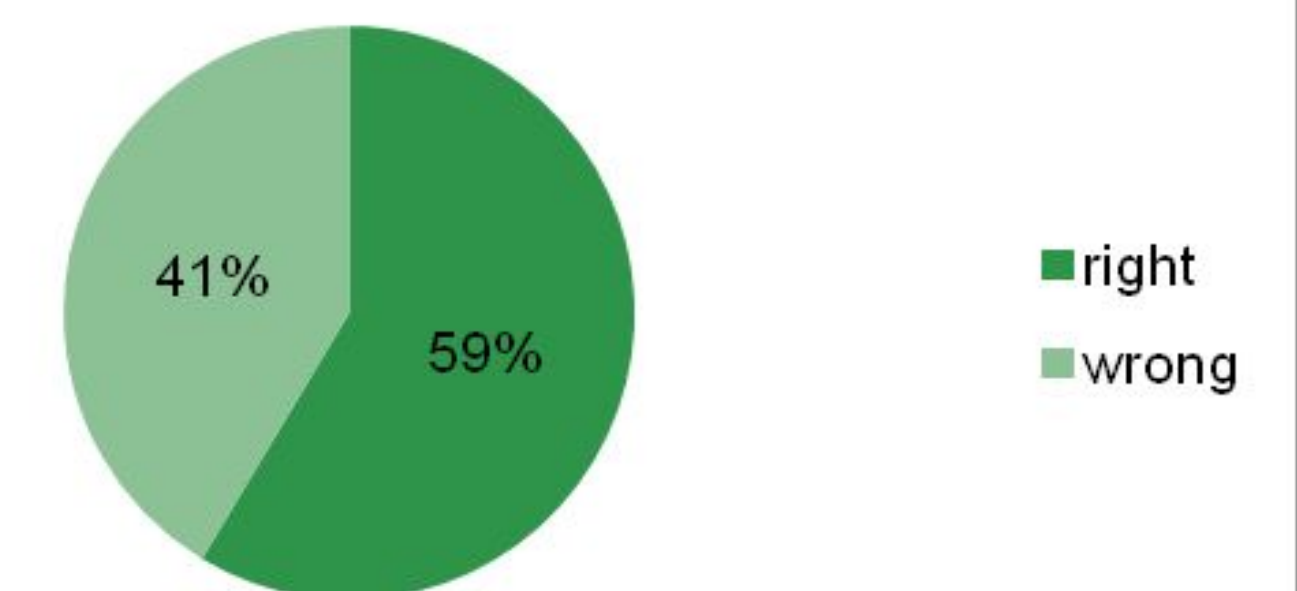
KIDS: All Questions Combined



Percent Incorrect by Question: Adults vs Kids



Adults: All Questions Combined



Results: As seen in the graphs, I found out that the adults had answered correctly 59% of the time while 41% were wrong on all the questions. I also found out that kids scored 42% correct and 58% wrong on all the questions. I knew that wax cartons, coffee cup lids, 6-pack rings, and coat hangers are not recyclable. According to the township website, these items aren't recyclable in my township. It looks like my township needs to provide more education on what to recycle and what not to recycle so that we can best help our environment.

Conclusions: I was right! Adults know more about recycling than kids. My prediction was correct, however only by a smidge. The results were very close with 59% adults vs 42% kids. Too many people are unaware of what can and cannot be recycled. I hope to share my results with my township so I can help support recycling. My environment means a lot to me and I want to protect it!

Sources:

- Research: <https://www.abingtonpa.gov/departments/recycling>
- Google Images for pictures
- Graphing done using Microsoft Excel
- Google Form link:
<https://docs.google.com/forms/d/1jsPxADyTx50PGyUxPKZGWUcL1hMy5mog3D8RQBLv50I/edit#responses>