Materials Selection and Sustainability

List two reasons to pay attention to materials selection during design

1. 
2. 

What material did you choose for the children’s bike? Why?

What material did you choose for the racing bike? Why?

During what materials age did we start using non-renewable resources?
Did you change your mind about the material you chose for either bike after learning about their environmental impact?

Which is harder to recycle: Plastic or Metal?

Which parts of the materials science tetrahedron does materials selection and sustainability fall under?