

Score (1 st , 2 nd , 3 rd)			Process Dimension
			Making Sense of the Task
			Representing and Solving the Task
			Communicating and Reasoning
			Accuracy
			Reflecting and Evaluating

Practice Math Work Sample

Task: Screen Time Choice (Statistics and Probability)

Student Name: _____	Bethel ID #: _____
School: _____ Willamette HS	Grade Level: _____
Teacher: _____	Date: _____

Your parents offer you a choice in deciding how much screen time you get after your homework is complete and your chores are done. You get to choose one of the following options and they will take the probability of your choice as a percentage and multiply it times 4 hours to determine your screen time. If you want to maximize your screen time, which option would you choose and how many minutes of screen time would you get?

Option #1 is the probability of picking one card from a standard deck and having it be a diamond or a face card.

Option #2 is the probability of picking two black cards from the deck. After the first pick the card is replaced into the deck and the deck is reshuffled before picking the second card.

Option #3 is the probability of picking three cards from the deck without replacing them and having all three cards not being hearts.