## SI <br>  <br> Manufacturing

## Individual Learning <br> Primary




| Primary Tasks | $\mathbf{\$ 1 0 , \mathbf { \$ 5 } , \mathbf { \$ 1 } \text { \& Coins }}$ |
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| 1 The Value of Money | What coin has the lowest value? <br> What coin has the highest value? <br> Can you order your money in a line that starts with the coin that has the lowest value to the coin <br> that has the highest value? |
| 2 Same but Different | Can you find different ways to represent the same value in coins? <br> Can you come up with 2 ways? 3 ways? Or more? |
| 3 How Much? | Take a handful of coins. <br> How might you find out how much money you have? |
| 4 Shopping | You bought something with a $\$ 10$ bill. <br> You get one bill and three coins back as change. <br> How much money might you have spent? <br> Can you find more than one possibility? |
| 5 Coins in My Pocket | You have 4 coins in your pocket. <br> How much money might you have? <br> What is the lowest amount of money you could have? <br> What is the highest amount of money you could have? |

$\left.\begin{array}{|l|l|}\hline \text { Primary Tasks } & \text { Base Ten + Mat } \\ \hline 1 \text { Mouse House } & \begin{array}{l}\text { Esild } 2 \text { different homes for a mouse with the base ten blocks. } \\ \text { Which one has a greater value? How much greater? }\end{array} \\ \hline \text { 2 Make it Match } & \begin{array}{l}\text { Choose ten base ten blocks (they can be different sizes). } \\ \text { How could you arrange the blocks into piles that all have the same value? } \\ \text { Hint - you can trade blocks in for an equal value as needed (i.e., trade one ten block for ten } \\ \text { ones). }\end{array} \\ \hline \text { 3 Make a Picture } & \begin{array}{l}\text { Create a picture with some of your base-ten blocks. } \\ \text { What does it look like? } \\ \text { What is the total value represented in your picture? } \\ \text { How do you know? }\end{array} \\ \hline \text { 4 Representing Numbers } & \begin{array}{l}\text { Choose a number between } 25 \text { and 35. } \\ \text { Represent your number using your base ten blocks } \\ \text { How many 10s rods did you use? } \\ \text { How many single blocks did you use? } \\ \text { Can you represent the number in any other way? }\end{array} \\ \hline \text { Goal: To get to 50, with the least amount of blocks/cubes } \\ \text { Roll your } 1 \text { dice. } \\ \text { Take the one cubes to match the number you rolled (e.g., if you roll } 5 \text { on the dice, you take } 5 \text { one } \\ \text { cubes) } \\ \text { Every time you can trade your single cubes for a ten rod make the trade. } \\ \text { Stop when you are close to or reach the number } 50 . \\ \text { How many rolls did you take before you had to make a trade? } \\ \text { How many trades did you make before you got to } 50\end{array}\right\}$

