

Date: _____

| ITEM: Collects data to answer a question | How Often? | | | If <i>not yet</i> or <i>sometimes</i> , child struggles with.... | | | | Notes |
|--|------------|-------------------------|-----------|--|---|--------------------------|-----------------------|-------|
| | Child Name | Always/most of the time | Sometimes | Not Yet | Understanding that data can be collected to answer a question | Fundamentals of counting | Verbalizing questions | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

- If *always* or *most of the time*, encourage children to collect data from peers.
- If *not yet*, provide suggestions for questions

Date: _____

| ITEM: Participates in the organization and displaying of information using graphs and charts | How Often? | | | If <i>not yet</i> or <i>sometimes</i> , child struggles with.... | | | | Notes |
|--|------------|-------------------------|-----------|--|---|--------------------------|----------------------------------|-------|
| | Child Name | Always/most of the time | Sometimes | Not Yet | Understanding that data can be collected to answer a question | Fundamentals of counting | Understanding how to read graphs | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

- If *always or most of the time*, encourage children to collect data from peers; create more complex graphs
- If *not yet*, revisit counting basics; focus on simple graphs with two categories and small numbers

Date: _____

| ITEM: Puts a set of objects in order according to measurable attributes (e.g., shortest to tallest) | How Often? | | | If <i>not yet</i> or <i>sometimes</i> , child struggles with.... | | | | | Notes |
|--|-------------------------|-----------|---------|--|------------------------------|-------------------------------|-------------|----------------|-------|
| | Always/most of the time | Sometimes | Not Yet | Identifying attributes | Understanding -er vocabulary | Understanding -est vocabulary | Verbalizing | Something else | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

- If **always or most of the time**, ask children to identify the object that is missing in a set or ordered objects; ask children to sort by a new attribute (e.g., lightest to darkest color).
- If **not yet**, revisit counting basics; use smaller sets (e.g., 3) objects that are clearly distinct in the target attribute.