**Blueprint Summary Table**

**Chapter 1 Test (Introduction to Statistics)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Reporting Category** | **Number of Objective Items** | **Number of Short-Answer Items** | **Total Number of Items** | **Weighting Percent of Reporting Category** | **Standards** |
| **Types of Variables** | 2 | 2 | 4 | 16%  (16 points) | MAFS.912.S-ID.1.1  MAFS.912.S-ID.1.2  MAFS.912.S-ID.1.3 |
| **Graphs to Represent Data** | 4 | 1 | 5 | 22%  (22 points) |
| **Organizing Data** | 3 | 0 | 3 | 12%  (12 points) |
| **Measures of Center** | 3 | 0 | 3 | 20%  (20 points) |
| **Shape of Distributions** | 3 | 2 | 5 | 30%  (30 points) |
| *TOTAL* | 15 | 5 | 20 | 100%  (100 points) |

**Grade Level:** 10-12

**Subject:** Probability & Statistics with Applications Honors

**Accommodations:**

* Extended time for students with IEPs and 504s

**Learning Objectives**

Students will:

* Distinguish between the types of variables and their appropriate graphs
* Analyze the characteristics of both accurate and misleading graphs
* Identify and differentiate between the measures of center
* Assess the shape of distributions and discuss the effects of outliers on shape