

# Table of Specification

# The definition of table of specification .

- Table of specification is a chart that provides graphic representations of a related to the content of a course or curriculum elements and the educational objectives.
- Table of specifications is a two –way chart which describes the topics to be covered in a test and the number of items or points which will be associated with each topic . sometimes the types of items are described as well.

# Meaning of the table of specification

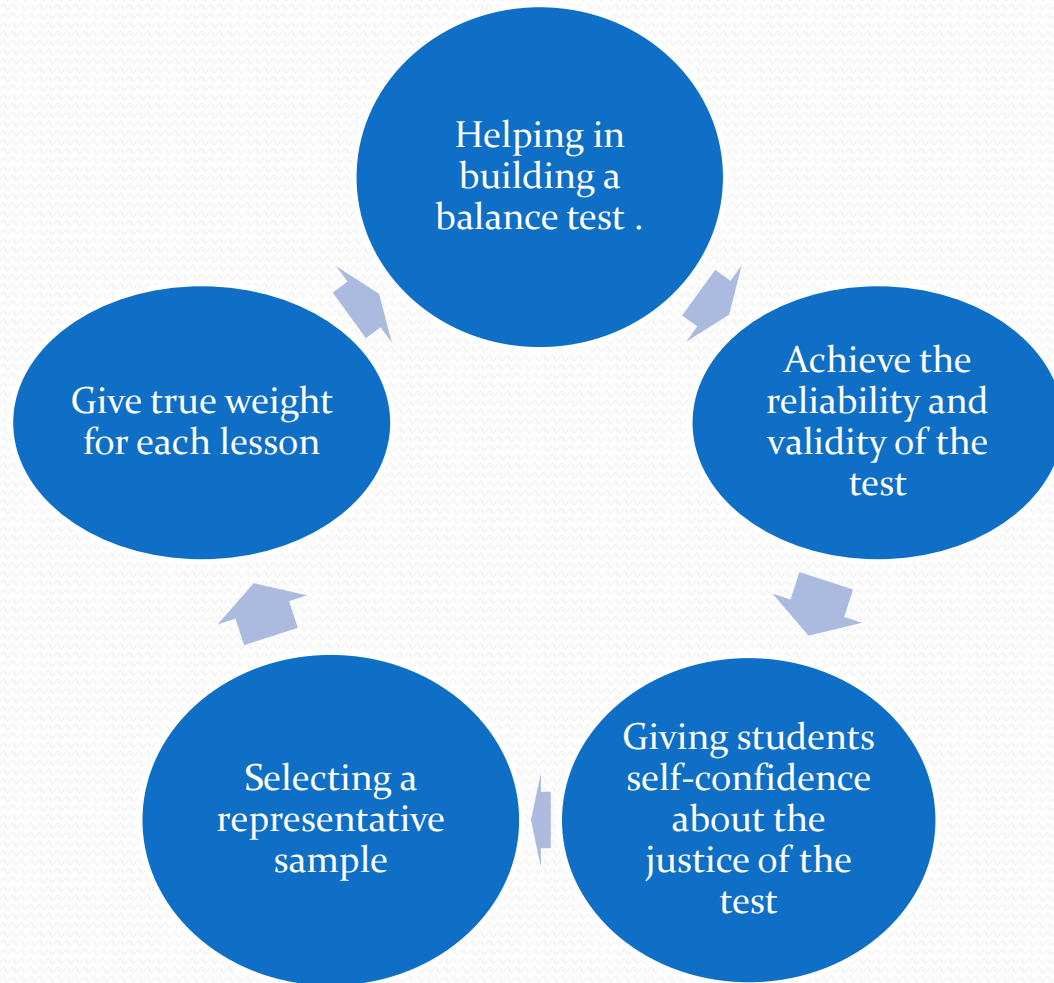
Table of specification is a plan prepared by a classroom teacher as a basis for test construction. It is important that this be carefully prepared because it

- The table of specification basically is like a table chart that goes over topic that will be on a test. This table chart is split into two charts and each sub topic is numbered under the main topics that are being covered for the test. This type of table is mainly used by teachers to help break down their outline on a specific subject. Some teachers use this particular table as their teaching guideline by breaking the table into subjects, the teacher's main points, how much time spent on the point, and what assignment/ project can be done to help the student learn the subject to ensure the valid measure of the must rational objective and course contents..

# What is the purpose of table of specifications:

- The most important of table of specifications is to achieve balance in the test and to identify the achievement domains being measured and to ensure that a fair and representative sample of questions appear on the test .
- Table of specifications allow us to ensure that our test focuses on the most important areas and weights different areas based on their importance/time spent teaching . A table of specifications also gives us the proof we need to make sure our test has content validity .

# What are the benefits of table of specifications



# Things should be taken into account when building a table of specifications

- Table of specifications are designed based on :
- 1-course objective .
- 2-topics covered in class.
- 3-amount of time spent on those topics .
- 4-textbook chapter topics .
- 5-emphasis and space provided in the test .

# A table of specification could be designed in 3 simple steps:

- 1-identify the domain that is to be assessed .
- 2-break the domain into levels (e.g knowledge, comprehension , application, analysis, and synthesis and evaluation)
- 3-construct the table

## **Formula A**



**Relative weight for the importance of content =  
( The number of the class period for one subject  
÷ total class period ) × 100%**



<b>Content</b>	<b>Class period spent on subject</b>	<b>Relative weight of the subject</b>
	<b>3</b>	<b>30%</b>
<b>Vocabulary</b>	<b>1</b>	<b>10%</b>
<b>Speaking</b>	<b>1</b>	<b>10%</b>
<b>language</b>	<b>2</b>	<b>20%</b>
<b>Listening</b>	<b>1</b>	<b>10%</b>
<b>Writing</b>	<b>2</b>	<b>20%</b>
<b>Total class periods for teaching the unit</b>	<b>10</b>	<b>100%</b>

### **Formula B**

**Relative weight for the objectives = (The number of objectives in each level ÷ The objectives of the Unit ) 100%**

Topics Totals 100%	Objectives	Knowledge and Comprehension 45 %	Application 35%	Analysis, Synthesis And Evaluation 20%	Totals 100%
Reading 30 %					
Vocabulary 10 %					
Speaking 10 %					
language 20 %					
Listening 10 %					
Writing 20 %					
Number of questions		9	7	4	20



## **Formula C**

**Identify the number of questions in each topic for each level of objectives:-**

**The total number of questions  $\times$  relative weight of the topics  
 $\times$  relative weight of objectives**

<div> <div>Topics</div> <div>Totals 100%</div> </div>	Objectives	Knowledge and Comprehension 45 %	Application 35%	Analysis, Synthesis And Evaluation 20%	Totals 100%
Reading	30 %	2.7	2.1	1.2	6
Vocabulary	10 %	0.9	0.7	0.4	2
Speaking	10 %	0.9	0.7	0.4	2
language	20%	1.8	1.4	0.8	4
Listening	10 %	0.9	0.7	0.4	2
Writing	20%	1.8	1.4	0.8	4
Number of questions		9	7	4	20

