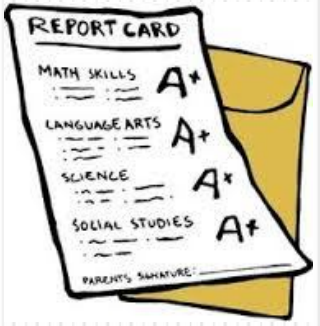
Basic Definitions



Activity Time

Error	Fault	Failure	Test
Test Case	**Software Quality Assurance Group**	**Test Oracle**	**Test Bed**
1 2 3 4			
Quality	**Metric**	**Quality Metric**	**Review**

Error	Fault	Failure	Test
A mistake, misconception, or misunderstanding on the part of a software developer	Introduced into the software as the result of an error.	Inability of a software system or component to perform its required functions within specified performance requirements	A group of related test cases, or a group of related test cases and test procedures.
Test Case	**Software Quality Assurance Group**	**Test Oracle**	**Test Bed**
1 Test-related item which contains 3 items **2** A set of test inputs. **3** Expected outputs. **4** Execution conditions.	Team of people with the necessary training and skills to ensure that all necessary actions are taken during the development process so that the resulting software conforms to established technical requirements	Document or piece of software that allows testers to determine whether a test has been passed or failed.	Environment that contains all the hardware and software needed to test a software component or a software system.

Quality	Metric	Quality Metric	Review
Degree to which a system, system component, or process meets specified requirements or customer or user needs, or expectations	Quantitative measure of the degree to which a system, system component, or process possesses a given attribute.	Quantitative measurement of the degree to which an item possesses a given quality attributes.	A group meeting whose purpose is to evaluate a software artifact or a set of software artifacts.