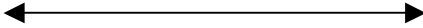

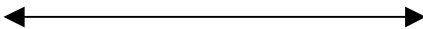
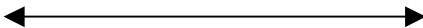
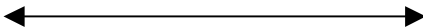


The Impact of Information Communication Technology

Student

Situation Before ICT

Situation After ICT


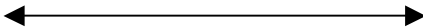
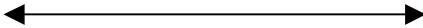
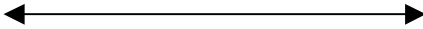
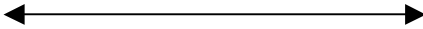
<p>Classroom The teacher is the source of all information, in part because resources are scarce. The culture of the classroom is for students to be dependent on the teacher for information and direction.</p>	<p>1 5 10</p> 	<p>Classroom Students take much more control of their own learning because resources exist for them to discover things on their own. Students develop life long learning skills. Teacher can say “That’s an excellent question, I want you to share the answer with the class when you find it”</p>
<p>Student Writing Students write a rough draft and then a finished copy which is submitted for marking</p>	<p>1 5 10</p> 	<p>Student Writing Student uses a word-processor to do first draft and shows file to peers, mentors, or teachers for advice. Student is able to do many changes while polishing the work. Finished copy has been revised many times.</p>
<p>Research The print materials available in the school and community libraries and the home limit students. Often resources are scarce because many students need them for the same assignment.</p>	<p>1 5 10</p> 	<p>Research Student has access to a variety of online resources to supplement the available print resources. Online resources are more than documents. Students can communicate with subject experts or students in remote places.</p>
<p>Experimenting and Data Collection Students collect data within the local environment. Data to compare the local situation with is available from print media.</p>	<p>1 5 10</p> 	<p>Experimenting and Data Collection Students collect data locally and share with students in remote locations. Collaboration with other lands and cultures enhances the experience.</p>
<p>Getting Help Student must ask in front of the class for assistance when they don’t understand something. Outside class students may get help from teacher if available or from family or peers.</p>	<p>1 5 10</p> 	<p>Getting Help Student can contact teacher by e-mail. Student has access to a wider group of mentors or peers through e-mail, discussion areas, or Ask An Expert web sites.</p>

The Impact of Information Communication Technology

Teacher

Situation Before ICT

Situation After ICT

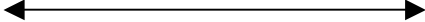



<p>Student and School Information Student and school information is collected and maintained through paper based systems. Availability and currency of data depends on human resources available to maintain the data.</p>	<p>1 5 10</p> 	<p>Student and School Information Computer technology handles data collection and makes it immediately available.</p>
<p>Student Progress Information Periodically teacher assesses performance, tabulates marks and assigns grades to students. Grades are put in report documents that are sent home. Administrators and counselors get access to data and can target problems.</p>	<p>1 5 10</p> 	<p>Student Progress Information Teacher enters evaluation data on an ongoing basis. Administrators and counselors have convenient access to student and class data. Reporting process is handled from a central location.</p>
<p>Extended Student Absences If student is going away arrangements are made before, or after, absence to make up for missed course work. In case of illness the work is sent home or to the hospital.</p>	<p>1 5 10</p> 	<p>Extended Student Absences Communications technology allows the absent student to keep in touch with classmates and the teacher. Assignments can be submitted on time and student can question and get feedback from instructor and classmates.</p>
<p>Library Systems Librarian has paper and card file systems for managing circulation and collection information.</p>	<p>1 5 10</p> 	<p>Library Systems Computer based systems handle circulation and collection information giving the librarian improved access to information about the use and state of resource collection. The ability to provide students with information is greatly expanded with Internet resources.</p>
<p>Communication With Parents Parents and teachers tend to meet at formally scheduled meetings and at times of crisis.</p>	<p>1 5 10</p> 	<p>Communication With Parents Schools publish information like homework assignment lists and schools events on school web sites. Parents and teachers use e-mail to communicate effectively in spite of busy schedules.</p>

The Impact of Information Communication Technology

Administration

Situation Before ICT

Situation After ICT

<p>Record Keeping Collection and reporting of data is paper based. Reliability depends on the resources allocated to handling and analysing the data.</p>	<p>1 5 10</p> 	<p>Record Keeping Data is quickly and conveniently transferred from school to division to government agency. Records are easily searched and analysed.</p>
<p>Curriculum Documents Curriculum guides are developed, printed, and distributed to teachers from time to time. Changes to documents are distributed when the magnitude of the changes justifies the expense.</p>	<p>1 5 10</p> 	<p>Curriculum Documents World wide web publication of curriculum documents makes them easily updated and revised. The curriculum is Evergreen. The web provides means for many enhancements to the curriculum.</p>
<p>Administration & Planning Communication limitations and lack of access to data hinder administration and planning.</p>	<p>1 5 10</p> 	<p>Administration & Planning Communication among administration staff is improved. Computer based data systems make information more accessible.</p>
<p>Distance Education Distance courseware was paper based. Interaction was almost exclusively teacher-student.</p>	<p>1 5 10</p> 	<p>Distance Education New technologies allow student to student interaction. Distance learners can collaborate with other students and discuss class content and activities with peers. Students receive timely feedback from the teacher.</p>