

## Lampiran A

### **ACM( Association for Computing Machinery)**

#### **Code of Ethics and Professional Conduct – Summary**

Adopted by the ACM Council on 16 Oct 1992

#### **1. General Moral Imperatives.**

As an ACM member I will

- 1.1. Contribute to society and human well-being
- 1.2. Avoid harm to others
- 1.3. Be honest and trustworthy
- 1.4. Be fair and take action not to discriminate
- 1.5. Honor property rights including copyrights and patents
- 1.6. Give proper credit for intellectual property
- 1.7. Respect the privacy of others
- 1.8. Honor confidentiality

#### **2. More Specific Professional Responsibilities.**

As an ACM computing professional, I will

- 2.1 Strive to achieve the highest quality, effectiveness, and dignity in both the process and products of professional work.
- 2.2 Acquire and maintain professional competence.
- 2.3 Know and respect existing laws pertaining to professional work.
- 2.4 Accept and provide appropriate professional review.
- 2.5 Give comprehensive and thorough evaluations of computer systems and their impacts, including analysis of possible risks.
- 2.6 Honor contracts, agreements, and assigned responsibilities.
- 2.7 Improve public understanding of computing and its consequences.
- 2.8 Access computing and communication resources only when authorized to do so.

#### **3. Organizational Leadership Imperatives.**

As an ACM member and an organizational leader, I will

- 3.1 Articulate social responsibilities of members of an organizational unit and encourage full acceptance of those responsibilities.
- 3.2 Manage personnel and resources to design and build information systems that enhance the quality of working life.
- 3.3 Acknowledge and support proper and authorized uses of an organization's computing and communication resources.

- 3.4 Ensure that users and those who will be affected by a system have their needs clearly articulated during the assessment and design of requirements; later, the system must be validated to meet its requirements.
- 3.5 Articulate and support policies that protect the dignity of users and others affected by a computing system.
- 3.6 Create opportunities for members of the organization to learn the principles and limitations of computer systems.

#### **4. Compliance With The Code**

As an ACM member, I will

- 4.1. Uphold and promote the principles of this code.
- 4.2. Treat violations of this code as inconsistent with membership in the ACM.

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(Duncan Langford 1995 : 137-141)

### **British Computer Society Code of Conduct**

#### **Rules of Professional Conduct**

As an aid to understanding, these rules have been grouped in the principal duties which all members should endeavour to discharge in pursuing their professional lives.

#### **The Public Interest**

1. Members shall in their professional practice safeguard public health and safety and have regard to the protection of the environment.
2. Members shall have due regard to the legitimate rights of third parties.
3. Members shall ensure that within their chosen fields they have knowledge and understanding of relevant legislation, regulations and standards and that they comply with such requirements.
4. Members shall in their professional practice have regard to basic human rights and shall avoid any actions that adversely affect such rights.

#### **Duty to Employers and Clients.**

5. Members shall carry out work with due care and diligence in accordance with the requirements of the employer or client and shall, if their professional judgement is overruled, indicate the likely consequences.

6. Members shall endeavour to complete work undertaken on time and to budget and shall advise their employer or client as soon as practicable if any overrun is foreseen.
7. Members shall not offer or provide, or receive in return, any inducement for the introduction of business from a client unless there is full prior disclosure of the facts to that client.
8. Members shall not disclose or authorise to be disclosed, or use for personal gain or to benefit a third party, confidential information acquired in the course of professional practice, except with prior written permission of the employer or client or at the direction of a court of law.
9. Members should seek to avoid being put in a position where they may become privy to or party to activities or information concerning activities which would conflict with their responsibilities in 1-4 above.
10. Members should not misrepresent or withhold information on the capabilities of products, system or service with which they are concerned or take advantage of the lack of knowledge or inexperience of others.
11. Members shall not, except where specifically so instructed, handle clients' monies or place contracts or orders in connection with work on which they knowingly have any interest, financial or otherwise.
12. Members shall not purport to exercise independent judgement on behalf of a client on any product or service which they knowingly have any interest, financial or otherwise.

#### **Duty to the Profession.**

13. Members shall uphold the reputation of the Profession and shall seek to improve professional standards through participation in their development, use and enforcement, and shall avoid any action which will adversely affect the good standing of the Profession.
14. Members shall in their professional practice seek to advance public knowledge and understanding of computing and information systems and technology and to counter false or misleading statements which are detrimental to the profession.
15. Members shall encourage and support fellow members in their professional development and, where possible, provide opportunities for the professional development of new entrants to the Profession.
16. Members shall act with integrity towards fellow members and to members of their professions with whom they are concerned in a professional capacity and shall avoid engaging in any activity which is incompatible with professional status.
17. Members shall not make any public statement in their professional capacity unless properly qualified and, where appropriate, authorised to do so, and shall have due regard to the likely consequences of any such statement on others.

## **Professional Competence and Integrity**

18. Members shall seek to upgrade their professional knowledge and skill and shall maintain awareness of technological developments, procedures and standards which are relevant to their field, and shall encourage their subordinates to do likewise.
19. Members shall seek to conform to recognised good practice including quality standards which are in their judgement relevant, and shall encourage their subordinates to do likewise.
20. Members shall only offer to do work or provide service which is within their professional competence and shall not lay claim to any level of competence which they do not possess, and any professional opinion which they are asked to give shall be objective and reliable.
21. Members shall accept professional responsibility for their work and for the work of subordinates and associates under their directions, and shall not terminate any assignment except for good reason and on reasonable notice.
22. Members shall avoid any situation that may give rise to a conflict of interest between themselves and their client and shall make full and immediate disclosure to the client if any such conflict should occur.

(Duncan Langford 1995 : 137-141)

## LAMPIRAN B

### **Smart School management functional areas**

The Nine Primary Function of Smart School Management:

#### Technology

- Long Term Planning
- System Implementation
- System maintenance
- Training
- Field Support Management

#### Financial Management

- Budgeting
- Reporting
- Accounting
- Purchasing
- Project Funding
- Long Term Planning
- Audit and Control

#### Human Resources

- Teacher Scheduling
- HR Skills Management
- Hiring
- Promotion / transfer Management
- Vacation / sickness Management
- Staff Training Management

#### Facilities

- Facility Scheduling
- Maintenance
- Asset Management
- Alternative Usage

#### External Resources

- Database Management
- Liaison With External Resources

#### Educational Resources

- Resource Database Management
- Input to Curriculum Development

### **Student Affairs**

- Student Profiles
- Performance Evaluation
- Test Administration
- Counseling
- Health, Insurance and others

### **School Governance**

- Communications / pr
- School Policy Making
- Curriculum Management
- Community Involvement

### **Security**

- Physical Security
- IT Security
- Student Safety

## **Information Technology Implication of the Smart School Management System**

### **School Management Function**

#### **School Governance**

- Using computer communication i.e., video conferencing, to link the school to the Ministry of Education for administration and policy implementation purposes.

#### **Student Affairs**

- Using computer and databases to maintain student profiles.

#### **Educational Resources**

- Using computer communication to link the school's databases to central resource databases to regulate and organise educational resources.

#### **External Resources**

- Using computer communication to link the school to external constituencies like network resources, i.e., Internet, libraries and museums for the purpose of research, reference and data collection.

#### **Financial Management**

- Using Computer communication to link the school's databases to facilitate budgeting, accounting and reporting.

#### **Facilities**

- Using computer communication to link the school's databases to plan facility scheduling, maintenance and inventory.

#### **Human Resource Management**

- Using computer communication to link school's databases to the State Education Departments for human resource management purposes.

#### **Security Management**

- Using computer communication to link the school's databases to the District Education Office for security management purposes.

#### **Technology Management**

- Using computer communication for the purpose of acquiring centralised IT support for the school.

Sumber :

Kementerian Pendidikan Malaysia : Sekolah Bestari ( Pamplet), 1997.

## LAMPIRAN C.

### **A day in the life of a Smart School student – some highlights**

7 : 20 a.m

- Log in attendance electronically
- Browse the day's activities on the school electronic bulletin board

8 : 40 a.m

- Participate in a video conference on the spread of AIDS in Asia

9 : 30 a.m

- Listen to the science teacher's multimedia presentation of the atomic model

10 : 30 a.m

- During break, catch up with electronic mail

11 : 40 a.m

- Present an oral report in front of the class that is videotaped to go into the student portfolio

1 : 00 a.m

- Organise information collected in a term project on water pollution in the community and use this to write a report on current problems and possible solutions

3 : 00 p.m

- Play a computer-based simulation groupware game on discovering Africa using virtual reality and sounds

8 : 00 p.m

- Electronically send draft of a report to other members of the group for their comment and edits.
- Post question to the Malay language teacher about doubts on the lesson in class today

## **A day in the life of a Smart School teacher – some highlights**

**7 : 20 a.m.**

- Log on to computer in teachers' room to check on homework and assignments completed by students as well as students' attendance for the day

**7 : 45 a.m.**

- Conduct a lesson on mitosis and meiosis incorporating a multimedia presentation

**9 : 30 a.m.**

- Respond to electronic mail from students, parents and colleagues

**11 : 00 a.m.**

- Update student assessment records and portfolios in preparation for an upcoming parent-teacher conference

**12 : 30 a.m.**

- Do an Internet search for suitable sites for students working on the topic of genetic engineering

**3 : 00 p.m.**

- Attend a video-conferenced State level meeting for Senior Biology teachers to set State-level standards

**8 : 00 p.m.**

- Evaluate a new commercially produced courseware for Biology classes based on Ministry of Education's guidelines

## LAMPIRAN D

### Smart School Project 1999

#### **Why was the Smart School Project Started?**

The Malaysian Smart School Project was stated as one of the Multimedia Super Corridor (MSC) Flagship Applications, along with 6 other. Since the MSC is intended as a test bed for R&D in telecommunications and high-tech industries for the region, the smart school application is intended to support the MSC in producing knowledge workers for the industries within the MSC.

The flagship will support the government's plans to obtain the status of a developed nation by the year 2020 and to gain a competitive edge with other developed countries in the global economy.

PUSAT PERKEMBANGAN KURIKULUM KEMENTERIAN PENDIDIKAN MALAYSIA  
NOVEMBER 1998

#### **What educational needs was the smart school project intended to fulfill?**

The project was indeed timely to address the following educational needs:

- To prepare school leavers for the Information Age
- To bring about a systemic change in education, from an exam-dominated culture to a thinking and creative knowledge culture
- To re-emphasis science and technology education with a focus on creativity and innovation
- To equip students with IT competence
- To inculcate Malaysian values among the students and produce a generation of morally upstanding citizens

#### **Will there be a change in the teaching-learning approach?**

Certainly. What distinguish smart schools from other school is the use of technology to support and enhance teaching-learning. With the aid of multimedia technology, **self-accessed, self-paced and self-directed learning** can be practiced. This will allow students to develop their strengths to a level of excellence and breed a generation of inventors and innovators.

## **Is there a change in the curriculum for smart schools?**

Yes. New curricular emphases are channeled through 4 subject areas, i.e, Science, Mathematics, Bahasa Malaysia and English. The Emphases are:

- Knowledge acquisition
- Analytical, creative thinking and the ability to make decisions and solve problems
- IT competency
- Proficiency in an international language
- Inculcation of values towards the development of the good person

## **I understand that the project will be implemented in 1999 in a pilot basis**

That is true. We are starting with 80 existing schools. In 2000, a further 9 new schools will turn 'smart' and will serve as our 'show-case' schools to the world. The feedback from the pilot will determine the broad deployment of the project.

## **Implementation in 1999 and 2000**

### **What technology resources will the schools be equipped with?**

The technology that will be supplied to schools in 1999 is rather modest due to several constraints. Two levels have been identified:

- Level 'B'** for 78 existing schools
- Level 'B+'** for 2 existing schools

Level 'B' (42 computers)

<u>Classroom/Science Lab</u> No computer	<u>Computer Lab</u> 1 computer lab 20 computer
<u>Resource Centre</u> 10 computer	<u>Teachers' Room</u> 5 computer
<u>Admin Office</u> 3 computer	<u>Server Room</u> 3 servers

78 schools

**Year 1999**

Schools : 80 existing schools  
Subjects : Science, Mathematics, Bahasa Malaysia,  
English  
Forms : Form 1 and Form 4

**Level 'B+' (86 computers)**

Classroom/Science Lab

15 Classrooms & sc labs  
x 4 computers each

Computer Lab

No computer lab

Resource Centre

10 computer

Teachers' Room

10 computer

Admin Office

3 computer

Server Room

3 servers

2 schools

**Year 2000**

Schools	:	9 new schools
Subjects	:	Science, Mathematics, Bahasa Malaysia, English
Forms	:	Year 1 and Year 2 ( Year 4 for Science).

**List of Smart School for Implementation in 1999**

**Perlis**

1. SMK Derma, Jalan Penjara, 01000 Kangar
2. SMS Tunku Syed Putra, Jln. Padang Behor, Behor Pulai, 01000 Kangar

**Kedah**

3. SMK Jitra, 06000 Jitra
4. SMKA Baling, 09100 Baling
5. SMK Sultan Badlishah, 09000 Kulim
6. SM Sultan Abdul Halim, 06009 Jitra Kedah
7. SMS Sultan Mohamad Jiwa, 08000 Sungai Petani , Kedah
8. SM Sains Pokok Sena, 06400 Pokok Sena, Kedah

**P. Pinang**

9. Sekolah Abdullah Munshi, Jln. P. Ramlee, 10460 P.P
10. SMK Dato Onn, Bagan A jam, 13000 Butterworth
11. SMS Tun Syed Sheh Shahabudin, 14000 Bukit Mertajam, P.P

**Perak**

12. SMK King Edward VII, Jln. Muzium Hulu, 34000 Taiping
13. SMK Clifford, 33009 Kuala Kangsar
14. SMK Seri Perak, 36008 Teluk Intan
15. SMK Tengku Menteri, 34850 Changkat Jering, Taiping
16. SM Raja Permaisuri Bainun, Kampung Manjoi, 30020 Ipoh
17. SMS Raja Tun Azlan Shah, Jalan Taman Tasik, 34009 Taiping Perak
18. Sek. Tuanku Abdul Rahman, Jln. Sultan Azlan Shah, 30740 Ipoh perak
19. Kolej Melayu Kuala Kangsar, Jln. Kuala Kangsar, 33000 Kuala Kangsar Perak
20. SM Sains Teluk Intan, 36010 Teluk Intan, Perak

#### K. Lumpur

21. SMK Victoria, Jln. Hang Tuah, 55200 KL
22. SMK Taman Tun Dr Ismail, Jln. Leong Yee Koh, 60000 Damansara
23. SM Aminuddin Bakri, Jln Lampung Pandan, 55100 KL
24. Sekolah Alam Shah, Jln. Tenteram, Bandar Tun Razak, 56000 KL
25. Sekolah Seri Puteri, Jalan Kolam Air, 51200 KL
26. SM Sains Selangor, Jalan Tenteram, Bandar Tun Razak, 56000 KL
27. SK Bukit Bintang 1
28. SK Bukit Bintang 2
29. SMK(p) Bukit Bintang

#### Selangor

30. SMK (P) Seri Aman, Jln. 14/49, 46100 Petaling Jaya
31. SMK Sg. Besar, 45300 Sungai Besar, Sabak Bernam
32. SMK Babdar Baru Bangi, Jln. 1/7E, 43650 Bandar Baru Bangi
33. SMK Kuala Kubu Baru, Jln. Padang Tembak, 44000 Kuala Kubu Baru
34. SMK Telok Dato, 42700 Banting
35. Kolej Islam Sultan Alam Shah, 41906 Klang Selangor
36. SM Agama Persekutuan Kajang, Batu 13 Jln. Cheras, 43000 Kajang
37. SM Sains Kuala Selangor, 45000 Kuala Selangor, Selangor

#### N. Sembilan

38. SMK Dato Sedia Raja, 71309 Rembau
39. SM Bandar Baru Seriting, 72120 Bahau
40. SM Agama Persekutuan Labu, KM 11 Jln. Labu, 71900 Labu, N. Sembilan
41. Kolej Tunku Kurshiah, Jln. Tunku Kurshiah, 70400 Seremban
42. Sekolah Dato Abdul Razak, Jln. Sikamat, 70400 Seremban, N. Sembilan
43. SM Sains Tuanku Jaafar, 72000 Kuala Pilah, Negeri Sembilan

#### Melaka

44. SMK Dato Dol Said, 78000 Alor Gajah
45. SM Sains Muzaffar Syah, Air Keroh, 75450 Melaka

#### Johor

46. SMK Dato Penggawa Barat, Jln. Parit Masjid, 82000 Pontian
47. SMK(P) Temenggong Ibrahim, JKR 35, Jln. Tasik, 83000 Batu Pahat
48. SMK Tun Habab, 81900 Kota Tinggi
49. SMK Dato Seri Amar Di Raja, Jln. Tunku Bendahara, 84000 Muar
50. SM Sains Muar, Tanjung Agas, 84009 Muar Johor
51. SM Sains Johor, KM 1 Jln. Batu Pahat, 86000 Kluang, Johor
52. Sekolah Tun Fatimah, Jln. Tun Abdul Razak, 80000 Johor Bahru, Johor
53. SM Sains Kota Tinggi, 81900 Kota Tinggi, Johor
54. SMKA Segamat, Segamat Baru, 85000 Segamat

#### Pahang

55. SMK Abdul Rahman Talib, Jln. Alor Akar, 25250 Kuantan
56. SMK Seri Pekan, 26600 Pekan Pahang
57. SM Sains Sultan Hj. Ahmad Shah, KM 12 Jln. Gambang, 25150 Kuantan
58. SM Sains Tengku Abdullah, KM 6 Jln. Lipis, 27600 Raub , Pahang
59. Sekolah Sultan Haji Ahmad Shah Pekan, Jln. Baru Balik, 26600 Pekan,
60. SMKA Tengku Ampuan Hajah Afzan, KM 3 Jln. Temerloh, 27000 Jerantut

#### Terengganu

61. SMK Matang, 21700 Kuala Berang, Hulu Terengganu
62. SM Sains Sultan Mahmud, 21300 Kaula Terengganu, Terengganu
63. SM Sains Dungun, 23000 Dungun , Terengganu
64. SMKA Sheikh Abdul Malek, Jln. Budiman, 20400, K. Terengganu

#### Kelantan

65. SM Kamil, 16800 Pasir Putih
66. SMK Dato Ahmad Maher, Jln. Long Yunus, 15200 Kota Baru
67. SM Sains Tengku Ahmad Faris Petra, 16100 Pengkalan Chepa, Kelantan
68. SM Sains Machang, 18500 Machang, Kelantan
69. SMKA Naim Lilbanat, Jln. Sultan Yahaya Petra, 15150 k. Bahru
70. SM Sains Pasir Puteh, Pasir Puteh, Kelantan

#### Sabah

71. SMK Elopura, P.S. 1091, 90712 Sandakan
72. SMK Sipitang, P.S. 29, 89857 Sipitang
73. SMK Tenom, PO BOX 195, 89908 Tenom
74. SMK Labuan, P.S. 81094, 87021 W. Persekutuan Labuan
75. Sek. Men. Sains Sabah, 88999 Kota Kinabalu, Sabah
76. Sek. Men. Sains Labuan, 87032 Wilayah Persekutuan Labuan, Sabah
77. Sek. Men. Sains Lahad Datu, 91108 Lahad Datu, Sabah

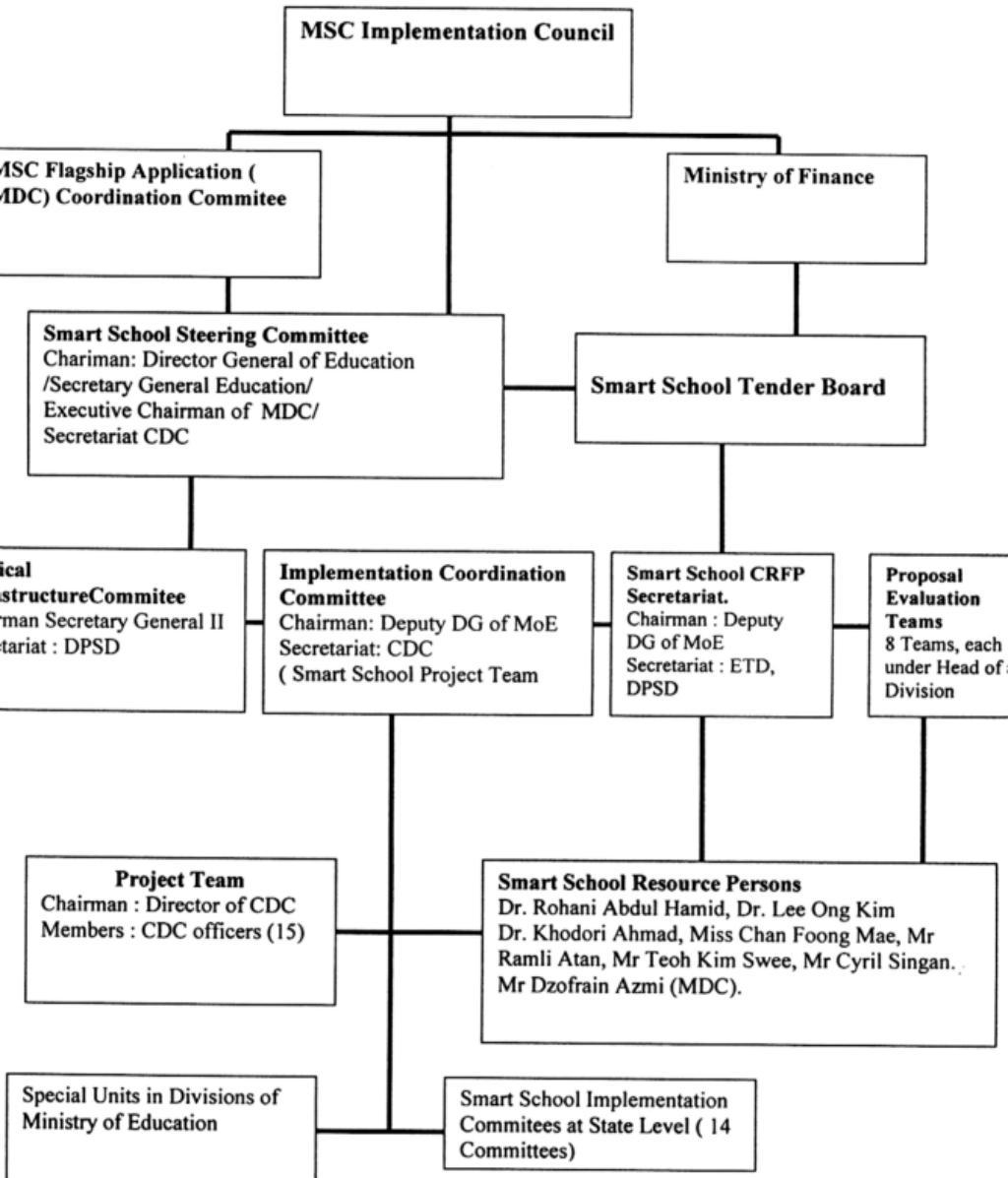
#### Sarawak

78. Kolej Datu Patinggi Abang Haji Abdillah, Petra Jaya, 93050 Kuching
79. Kolej Tun Datu Tuanku Hj. Bujang. 98009 Miri
80. SMK Bahasa Malaysia, P.O.BOX 51, 95407 Saratok
81. SMK Three Rivers, Jln. Oya, 96400 Mukah
82. SM Sains Kuching, 93050 Kuching, Sarawak
83. SM Sains Miri, 98000 Miri Sarawak

#### Sumber :

1. Kementerian Pendidikan Malaysia : Sekolah Bestari ( Pamflet) , Laman web; <<http://eprd.kpm.my/>>, Edisi pertama – Disember 1997.
2. Kementerian Pendidikan Malaysia, 1998. Panduan Ke arah Sekolah Bestari : Kuala Lumpur : Pusat Perkembangan Kurikulum, Kementerian Pendidikan Malaysia

### SMART SCHOOL PROJECT ORGANISATIONAL CHART



## LAMPIRAN F

Temuramah dengan Dr. Rohani Abdul Hamid, Ketua Projek Sekolah Bestari, yang diadakan ketika melakukan tinjauan ke Pusat Perkembangan Kurikulum, Kementerian Pendidikan Malaysia, Perisaian Duta.

Tempat : Pusat Perkembangan Kurikulum.  
Tarikh : 18hb Mac 1999.  
Masa : 10.30-12.00 pagi

### 1. Soalan :

Adakah perlaksanaan projek sekolah bestari akan terjejas berikutan kemelesetan ekonomi yang menjelaskan bekalan komputer disekolah-sekolah?

#### Ulasan

Sebelum itu saya ingin jelaskan bahawa projek pendidikan bestari ini tidak terletak 100% kepada kemudahan komputer. Ia sebenarnya berkaitan dengan konsep pembelajaran pintar. Pelajar-pelajar akan didedahkan kepada konsep penerokaan ilmu, perfikiran kreatif dan kerjasama pintar secara global.

### 2. Soalan :

Bukankah kewujudan sekolah bestari adalah hasil daripada revolusi IT yang berasaskan komputer?

#### Ulasan

Ya benar, pendidikan bestari pada asasnya ialah untuk melahirkan generasi masyarakat yang dapat menjalinkan hubungan atau kerjasama di peringkat global.

### 3. Soalan :

Boleh Dr. jelaskan bentuk kerjasama yang dimaksudkan?

#### Ulasan

Kerajaan berhasrat agar setiap rakyat Malaysia dapat berfikir bagaimana untuk memasarkan produk mereka, menjalinkan usahasama dengan syarikat luar negara dan memperkenalkan Malaysia melalui aktiviti mereka. Contohnya bagaimana seorang penjual nasi lemak dapat mempopuler dan memasarkan produk nasi lemak ke luar negara, seorang pengamal perubatan dapat berkongsi idea dengan pakar perubatan luar negara dengan menawarkan kepada mereka kaedah perubatan alternatif yang terdapat di Malaysia dan memperkenalkan Malaysia ke luar negara melalui filem, drama, muzik tradisional dan kegiatan kesenian yang lain.

**4. Soalan :**

Setakat ini bagaimanakah perkembangan di dalam perlaksanaan sekolah bestari?

**Ulasan**

Jika mengikut perancangan awal iaitu sebelum berlakunya kegawatan, kita mensasarkan 97 buah sekolah. Tetapi buat masa ini kita menumpukan kepada subjek bahasa iaitu Bahasa Malaysia dan Bahasa Inggeris serta subjek Sains dan Matematik. Dan buat sementara ini seluruh Sekolah Berasrama Penuh telahpun melaksanakan konsep pendidikan bestari 3 sekolah masih di dalam pembinaan , 2 sekolah rendah dan 2 sekolah menengah. Dan setelah dirombak jumlah sekolah yang akan dilaksanakan program pendidikan bestari ada 83 buah sekolah( Sila ruju lampiran)

**5. Soalan :**

Bagaimanakah dengan sekolah-sekolah di luar bandar?

**Ulasan**

Ini telah diletakkan dibawah pengawasan seorang pegawai iaitu En. Wagih Syukri. Yang mana beliau akan bekerjasama dengan pihak NGO seperti ABIM Outreach. Contohnya buat masa ini beliau sedang mengawasi projek awal yang melibatkan Sekolah Rendah Sungai Penchala.

Pada masa yang sama, kita juga meminta jasa baik kerjasama daripada pihak swasta seperti mainpartner iaitu Telekom Malaysia Berhad, IBM, Microsoft, Sapura , Oracle dan beberapa lagi yang saya kurang ingat. Terdapat 12 syarikat kesemuanya.

Terdapat juga sekolah-sekolah menjalankan inisiatif sendiri melalui Tabung PIBG, membina sendiri maklmal komputer mereka di bawah pengawasan Unit Pendidikan Bestari di Pejabat Pendidikan Daerah masing-masing.

**6. Soalan :**

Adakah perancangan projek pendidikan bestari ini adalah daripada usaha Kementerian Pendidikan semata-mata?

**Ulasan**

Tidak, Kementerian Pendidikan adalah sebagai badan yang melaksana. Perancangan keseluruhan terletak dibawah MSC Implementation Council ( sila rujuk lampiran). Kumpulan projek bestari akan menghantar laporan dari masa ke semasa kepada Jawatankuasa Koordinasi Perlaksanaan dan seterusnya ia akan melalui tingkat-tingkat pengurusan tertentu dan mendapat ‘approve’ daripada Majlis MSC

**7. Soalan :**

Begitu banyak tingkat pengurusan yang mesti dilalui sebelum sesebuah itu dapat dilaksanakan?

**Ulasan**

Ini adalah prosedur biasa di dalam kerajaan. Walapun mungkin ada masalah tetapi ia penting untuk menjamin semua yang hendak dilaksanakan sentiasa sesuai dengan kemampuan.

**8. Soalan :**

Akhir sekali, pada pendapat Dr. apakah yang dapat menjamin kejayaan perlaksanaan projek sekolah bestari ini?

**Ulasan**

Idea perkongsian pintar di antara pihak sekolah dan swasta adalah elemen penting. Di samping dapat menjamin kemudahan infrastruktur sekolah, pihak swasta juga haruslah memainkan peranan agar pemantauan kemudahan tersebut sentiasa berada di tahap yang sempurna agar perkembangan pelajar tidak terganggu. Jika hendak mengharapkan Kementerian Pendidikan, ia akan jadi lambat apabila ia berkaitan dengan kewangan.

## LAMPIRAN G

Temuramah dengan Dr. Normaziah Abdul Aziz, Pengurus, Bahagian Jaringan Komuniti, MIMOS Berhad.

Tempat : Bilik Seminar, Bahagian Jaringan Komuniti.  
Tarikh : 3hb Februari 1999.  
Masa : 3.00 – 4.00 petang.

### 1. Soalan :

Apakah usaha-usaha yang pihak MIMOS jalankan untuk mengawal bahan-bahan terlarang daripada disebarluaskan melalui internet?

Ulasan:

Kita sedang menjalankan Projek Jalinan Keluarga (Contoh disertakan). Ia merupakan garispanduan kepada ibu-bapa untuk mengawal penggunaan komputer di kalangan anak-anak mereka. Di samping itu di dalam Projek ini juga terdapat perisian-perisian penapisan yang kami cadangkan.

### 2. Soalan :

Bagaimana dengan kawalan berbentuk garis panduan, polisi atau perjanjian dan sebagainya?

Ulasan :

Kita memang ada merekodkan semua polisi berkenaan proses capaian kepada internet dan ia diuruskan oleh bahagian polisi. Walaubagaimanapun ia tidak dapat dilaksanakan secara praktikal. Daripada segi aspek teknikal, kita sedang berunding dengan syarikat Sapura untuk membangunkan kaedah mirip seperti V-Chip yang digunakan untuk menapis rancangan-rancangan televisyen.

### 3. Soalan :

Apakah kaitannya syarikat Microsoft dengan syarikat ‘*search engine*’ seperti Yahoo?

Ulasan :

Kaitannya adalah seperti pemodal dan syarikat. Microsoft dan syarikat Yahoo pada asalnya adalah dua syarikat yang berbeza, tetapi apabila berlaku kelemahan pentadbiran di dalam Yahoo, syarikat Microsoft berjaya mengambil alih syarikat Yahoo melalui pegangan sahamnya. Walaupun Yahoo dikuasai oleh Microsoft, pembuat keputusan masih lagi di tangan Yahoo.

**4. Soalan :**

Maksud Dr. Syarikat Microsoft tidak ada kena mengena dengan usaha MIMOS untuk mengawal kandungan internet yang masuk ke dalam negara?

**Ulasan**

Ya, Ini kerana syarikat Microsoft hanya mengeluarkan perisian. Manakala yang menguruskan perkongsian maklumat melalui jaringan adalah syarikat '*search engine*'.

**5. Soalan :**

Bagaimanakah dengan kawalan, penapisan maklumat daripada laman web tertentu oleh MIMOS?

**Ulasan**

Hampir mustahil. Ini kerana, kalau kita '*banned*' laman web tertentu, ia akan berubah nama dan akan wujud laman lain. Secara zahir ia cuma menukar nama tetapi lebih daripada itu. Setiap kali mereka menghasilkan satu lama web, sebenarnya tiap '*designation*' itu berdasarkan ke atas '*data-base*' tertentu.

**6. Soalan :**

Tidak bolehkan kita menciptakan '*search engine*' kita sendiri dan tidak lagi mengambil '*search engine*' daripada luar?

**Ulasan**

Kita dah ada syarikat '*search engine*' tempatan seperti [cari.com](http://cari.com), [skali.com](http://skali.com) dan [malaysia online](http://malaysiaonline.com).

Berkenaan menghalang syarikat-syarikat luar seperti Yahoo dan Tripod misalnya tidak dapat dilakukan . Ini adalah kerana Malaysia telah terikat dengan perjanjian WTO (*World Trade Organisation*).

**7. Soalan :**

Apakah cadangan-cadangan Dr. di dalam hal-hal kawalan bahan-bahan terlarang yang banyak terkandung di dalam internet?

**Ulasan:**

Ia bukan usaha MIMOS atau Kerajaan sahaja. Ini kerana kita tersepit di dalam agenda pembangunan negara yang memerlukan kita berada di bawah WTO dan pembangunan sosial. Jadi, peranan institusi sosial yang lebih penting pengawasan daripada keluarga adalah kaedah yang paling berkesan. Di samping cadangan-cadangan perisian, ibu-bapa juga harus diberikan kesedaran melalui seminar atau bengkel tentang konsep pengawasan anak-anak. Bukan sahaja berkaitan internet tetapi di dalam semua hal.

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