

The 3rd International LAMS & Learning Design Conference 2008



LAMS and a forensics online course
for secondary students

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Pedare Christian College



K-12, Independent, Christian College.

Located in North Eastern Suburbs of Adelaide,
South Australia. 18kms from the CBD.



2 dedicated and 1 shared campus;

Junior Schooling (K-5) at satellite campus 3kms from Middle (6-9) and Senior (10-12) Schooling at main campus.

Adjacent to main campus is the Golden Grove Combined Schools "Shared Facilities".



- “Shared Facilities” co-owned by Golden Grove High School (State Government) and Gleeson College (Catholic Church- CEO)

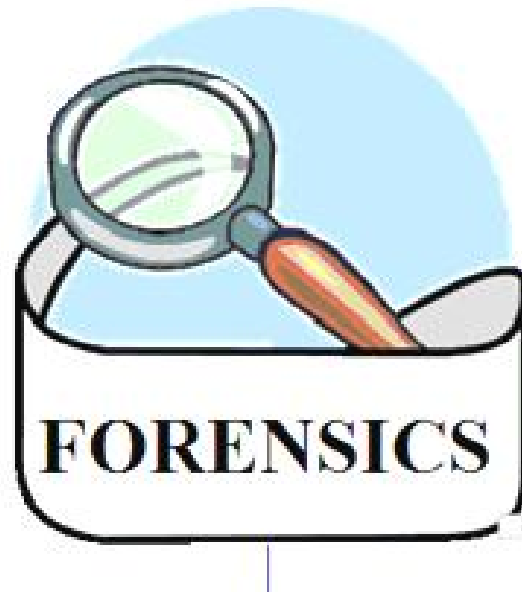
Contemporary Issues and Science



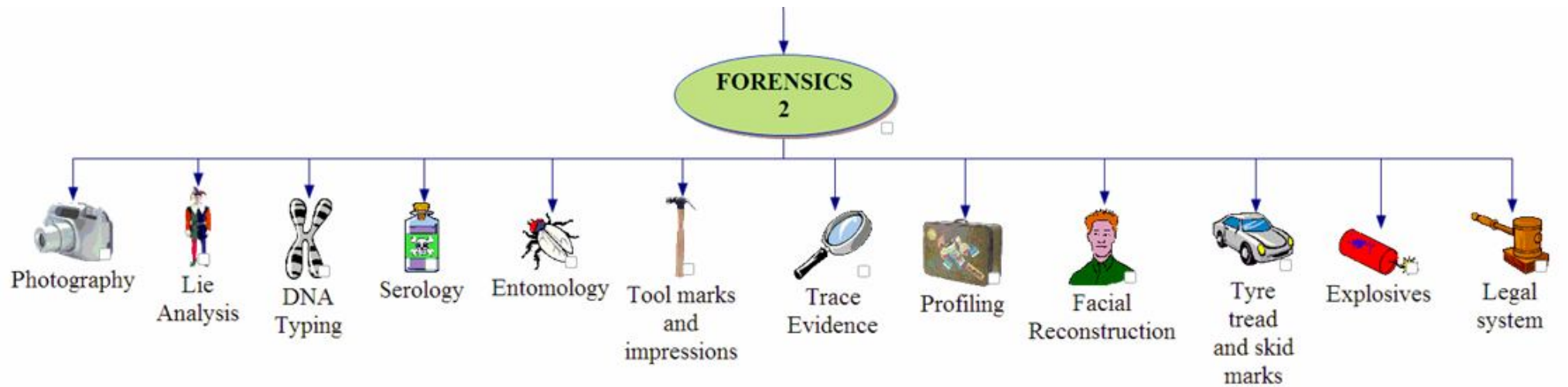
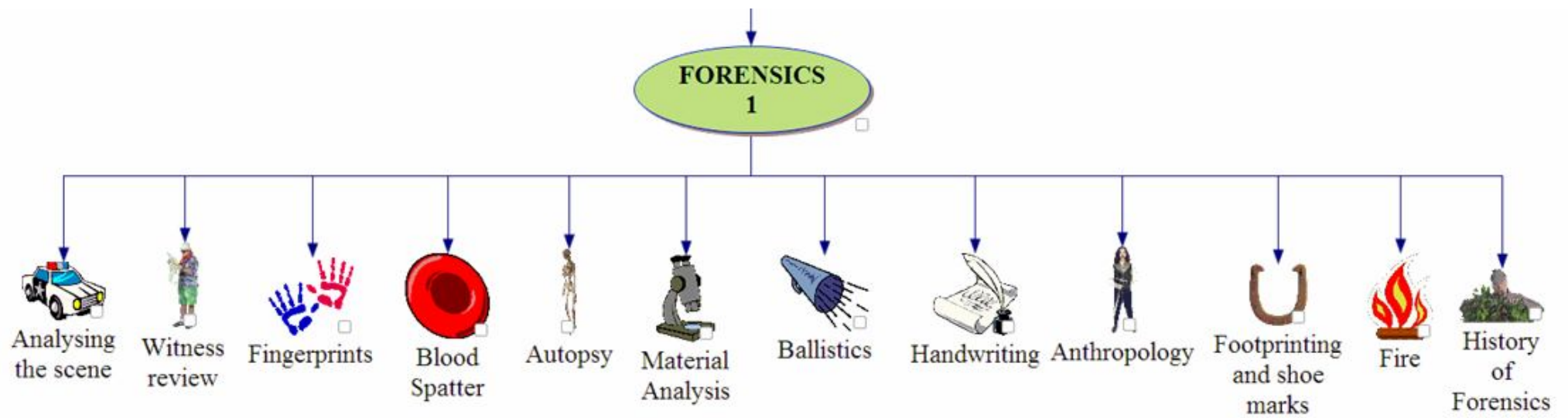
Results



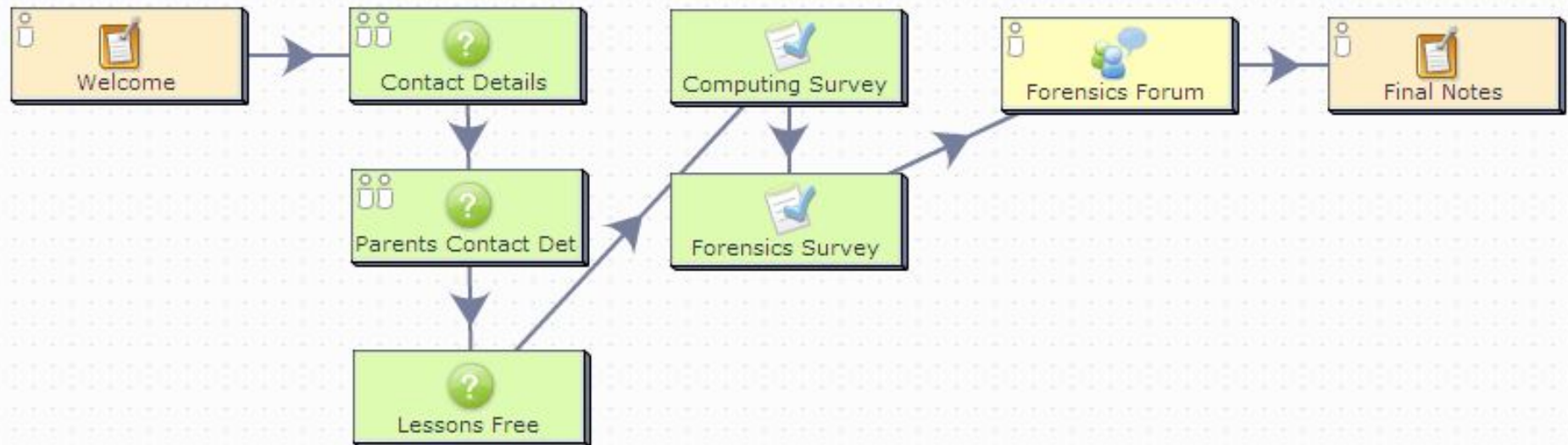
10.0	86.0	10.0	10.0	18.0			
10.0	85.0	10.0	10.0	17.0	online		
10.0	85.0	10.0	10.0	17.0			
10.0	81.0	10.0	10.0	16.0			
10.0	79.0	10.0	10.0	16.0			
10.0	77.0	10.0	10.0	15.0			
9.0	75.0	10.0	8.0	15.0			
8.0	72.0	10.0	10.0	14.0	online		
8.0	71.0	5.0	5.0	13.0	started		
6.0	70.0	6.0	7.0	13.0			
9.0	70.0	10.0	10.0	14.0			
8.0	70.0	10.0	10.0	14.0	online		
10.0	68.0	10.0	10.0	14.0	online		
9.0	68.0	8.0	8.0	14.0			
10.0	67.0	10.0	10.0	14.0			
8.0	67.0	0.0	0.0	11.0			
9.0	66.0	10.0	10.0	13.0	started		
6.0	60.0	5.0	5.0	12.0	online		







Getting Started



Computing Survey

Group 1CISB - St 1 Contemporary Issues & Sc. learners

How much time would you normally spend on the computer on...

Less than 1 hour.	0 (0%)
About 1-2 hours.	7 (44%)
About 2-4 hours.	8 (50%)
More than 4 hours.	1 (6%)

How much time would you normally spend on the computer ov...

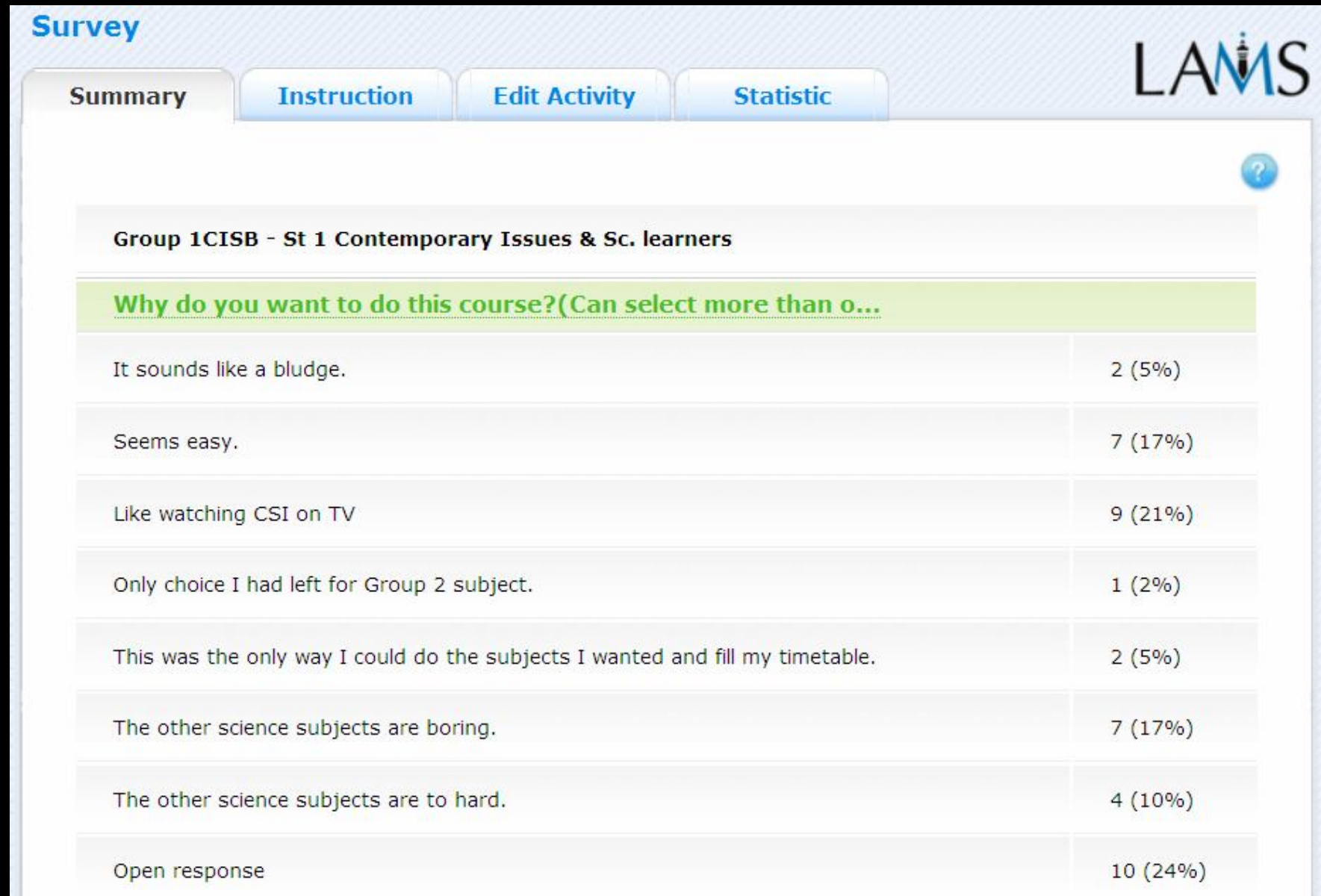
Less than 1 hour.	0 (0%)
About 1-2 hours.	3 (19%)
About 2-4 hours.	8 (50%)
More than 4 hours.	5 (31%)

What do you normally use the internet for?

Open response	16
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Forensics Survey



Forensics Survey



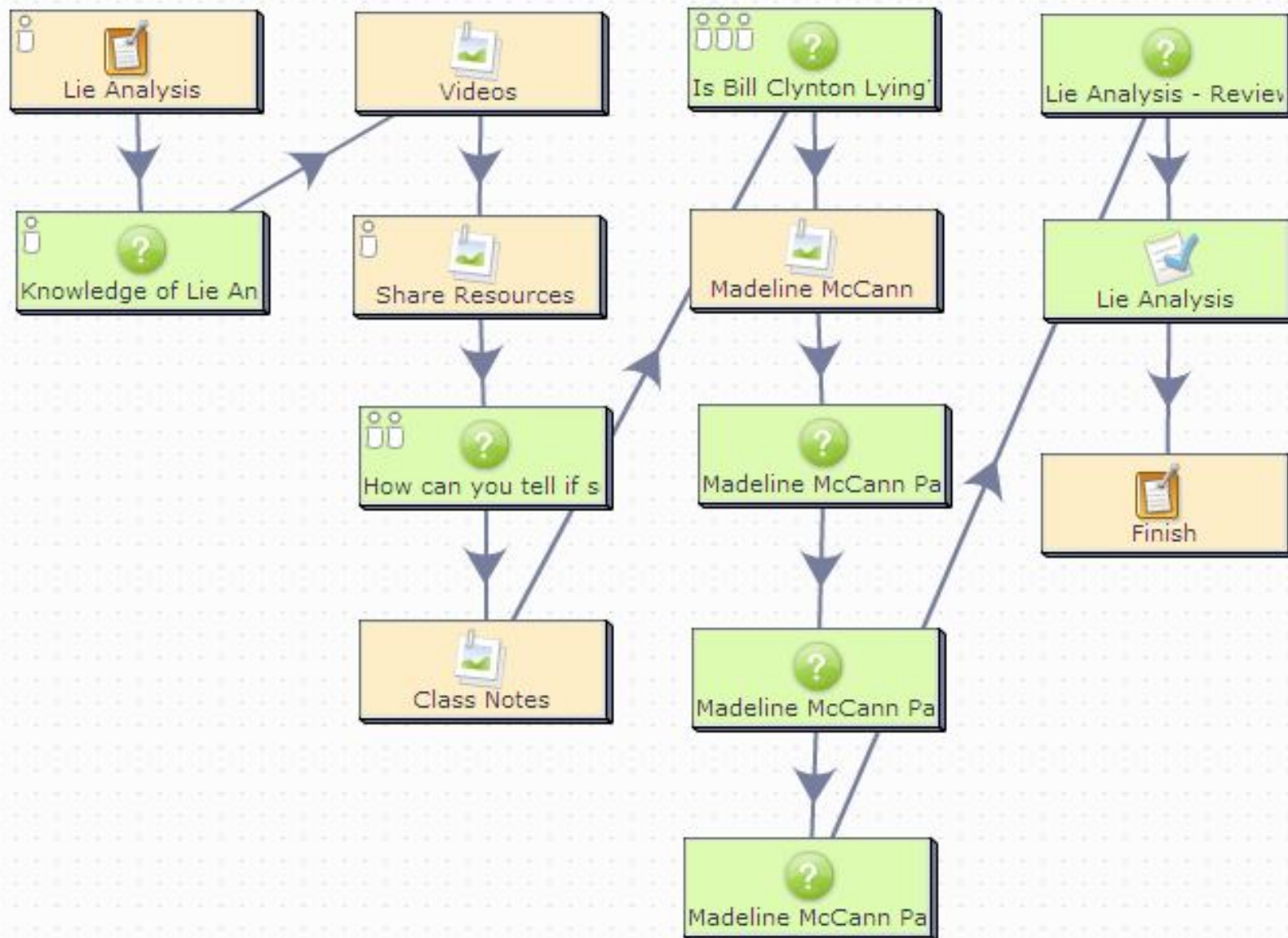
What grade do you think you will get for this SACE subject?

A - 17 or above	6 (38%)
B - between 14 and 17	6 (38%)
C - between 11 and 14	3 (19%)
D - between 8 and 11	1 (6%)
F - less than 8	0 (0%)

What skills or knowledge do you bring to the class?

I watch CSI.	11 (32%)
I watch the CI channel on FOXtel.	2 (6%)
I did the Year 11 Forensics 1 course.	9 (26%)
I am good with investigations.	3 (9%)
I am hopeless at science.	1 (3%)
I am just doing this to fill up so, whatever.	0 (0%)
You're the teacher, you should teach me.	5 (15%)

Example – Lie Analysis



Example – Lie Analysis

Share Resource Learning - Mozilla Firefox

https://lams.pedarecc.sa.edu.au/tool/larsrc11/pages/learning/learning.jsp?sessionMapID=sessionMapID-669&mode=learner

Video Lectures

Lie analysis can be used to detect if someone is lying. Sometimes the way that someone talks, or their mannerisms, or the way they act can help you detect whether they are telling the truth.

There are three videos for you to watch explaining some of the methods for lie detecting.

If the videos do not play, they can be found on the shared drive:

S:\Students\SENIOR SCHOOLING\Year 11\CSI 08\Forensics 2\2 Lie Analysis

The three videos to watch are:

- How to - How to detect a lie
- How to spot the liar - Dr. Mark Goulston
- Ho to detect lies - Great tips on how to spot a liar - Steve Aperens

Please take notes while you are watching these videos as you will be required to write down your findings in the next sections.

Resources to view	Completed
Web Search	Completed
Hot to detect a lie	Completed
Dr Mark Goulston	Completed

Check for new

Finished

Done

lams.pedarecc.sa.edu.au

Example – Lie Analysis

LAMS Learner - Mozilla Firefox

https://lams.pedarecc.sa.edu.au/learning/main.jsp?lessonID=65

LAMS Resume Exit Export

Forensics - 2 Lie An...

Lie Analysis

Knowledge of Lie ...

Videos

Share Resources

How can you tell ...

Class Notes

Notebook

Title

View All Save

Done

Web resources

Below is a list of further websites with information of how to tell if someone is lying. Again you will need to take notes to add to the next question section.

Resources to view	Completed
Web Search	Completed
Eye direction and lying	Completed
Detecting lies	Completed
Visual Cues to tell if someone is lying	Completed
How to tell if someone is lying	Completed
How a polygraph works	Completed

Check for new

Finished

lams.pedarecc.sa.edu.au

Example – Lie Analysis

Share Resources

LAMS

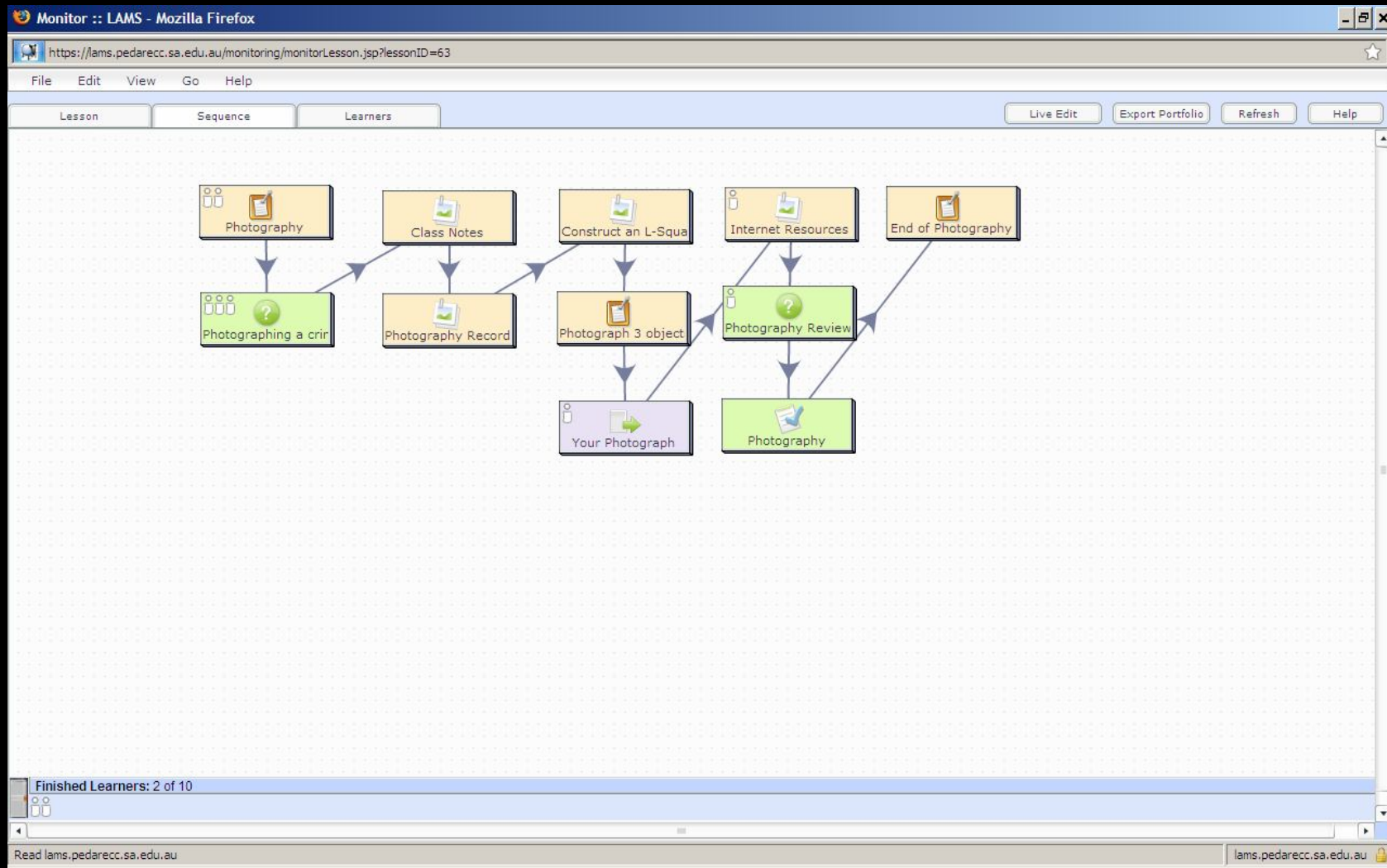
Summary Instruction Edit Activity Statistic

Group 1CISB - St 1 Contemporary Issues & Sc. learners Note: number of learners is the number of learners who have viewed the resource.

Type	Title	Suggested By	Number of Learners	
File	Lecture 3		5	Hide
File	Lecture 2		5	Hide
File	Lecture 1		5	Hide
URL	Web Search		3	Hide

Done lams.pedarecc.sa.edu.au

Example – Forensic Photography



ICT Environment – Human element

- 1200+ users across three physically separate sites.
- Highly variable user skill levels form four distinct area's of demand:
 - Dependant student curriculum users (K-3)
 - Supervised independent student curriculum users (4-12)
 - Independent staff curriculum users
 - Independent staff administration users
- 3 Permanent ICT staff employed at a total of 2.4 FTE provide all ICT requirements in house. Casual contract Programmer brought in for projects as required, cost scoped into project

ICT Environment – Infrastructure

- 220 Desktop PC's and 25 Laptops
- Further 45+ Staff owned laptops
- Gigabit wired network - 'to the desktop'
- 802.11n Draft 2.0 wireless network
- In total 89% of the college's learning area's have network access.
- ADSL 2+ internet access, all web accessible content internally hosted
- Windows XP/Office 2003/GroupWise7 core for Desktop
- Novell Netware/Windows Server 2003R2/ Linux for guest 'Virtual Servers'

Pedare's LAMS Implementation

- Version 2.1 hosted on CentOS 5.5 Linux server (RedHat Enterprise)
- Custom script was written to import student, staff, subject, lesson and class information into LAMS from the College's administration software (MAZE 8 SP2)
- Nightly synchronisation of core data listed above.
- LDAP authentication used to integrate with existing

Future direction of LAMS' role within Pedare



- Focus use on lesson based task management
- Integrated alongside a broad multi subject e-learning system (ie. Moodle, StudyWiz, Kaleidos, etc)

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