

Flipped Classroom

**27 Oct 2016 – Briefing for
Students**

What is a flipped Classroom



Traditional Classroom



- Instructor prepares material to be delivered in class.
- Students listen to lectures and other guided instruction in class and take notes.
- Homework is assigned to demonstrate understanding.

Flipped Classroom



- Instructor records and shares lectures outside of class.
- Students watch / listen to lectures before coming to class.
- Class time is devoted to applied learning activities and more higher-order thinking tasks.
- Students receive support from instructor and peers as needed





Preparing for a flipped lesson

Tools needed

What you need?

- Access to internet – must have.
- You must have a Gmail account – lesson materials will be uploaded in Google Drive.

Index x Drafts - m_arulchandra x

https://mail.google.com/mail/u/0/#drafts

in:draft

Google apps

COMPOSE

You don't have any saved drafts.
Saving a draft allows you to keep a message you aren't ready to send yet.

Inbox (7)
Starred
Important
Sent Mail
Drafts
ALP
C Project- M L S
CRADLE
Discipline
EM2 trash
ERI@N
Follow up
Gladys CCA
INDIATRIP
India Trip 2016
Indra
Marsiling Flat
Misc
MMM800
My Officers
Practical Exam
school safety
Sci Dept
SP Collaboration
SPA

Using 3.4 GB

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Last account activity: 10 hours ago
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https://www.google.com.sg/int/en-GB/options/

Click on this!

Shape Fill
Shape Outline
Shape Effects
Find
Replace
Select
Editing



in:draft

Mail

COMPOSE

- Inbox (8)
- Starred
- Important
- Sent Mail
- Drafts
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- C Project- M L S
- CRADLE
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- ERI@N
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- Indra
- Marsiling Flat

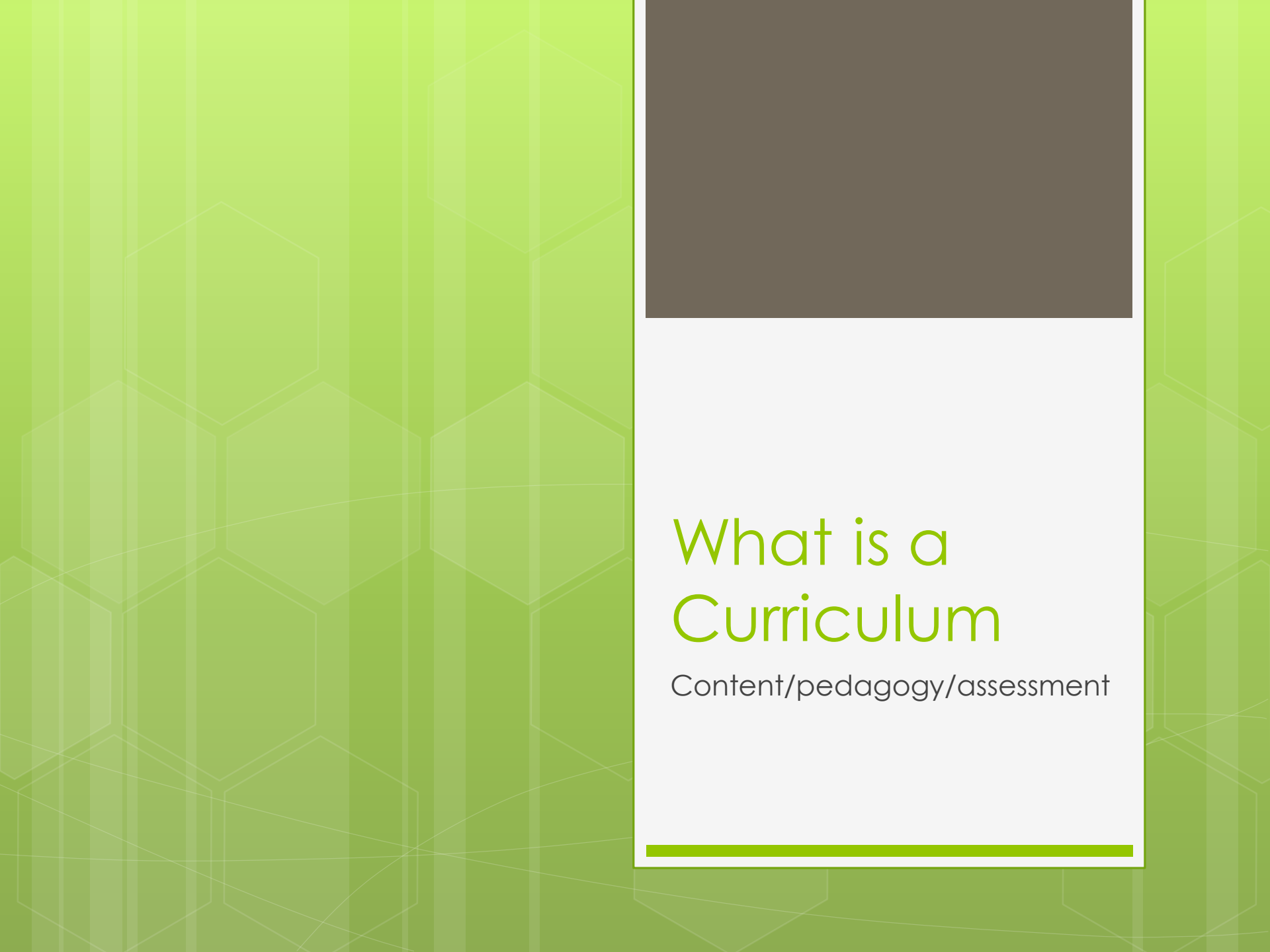
Using 3.4 GB

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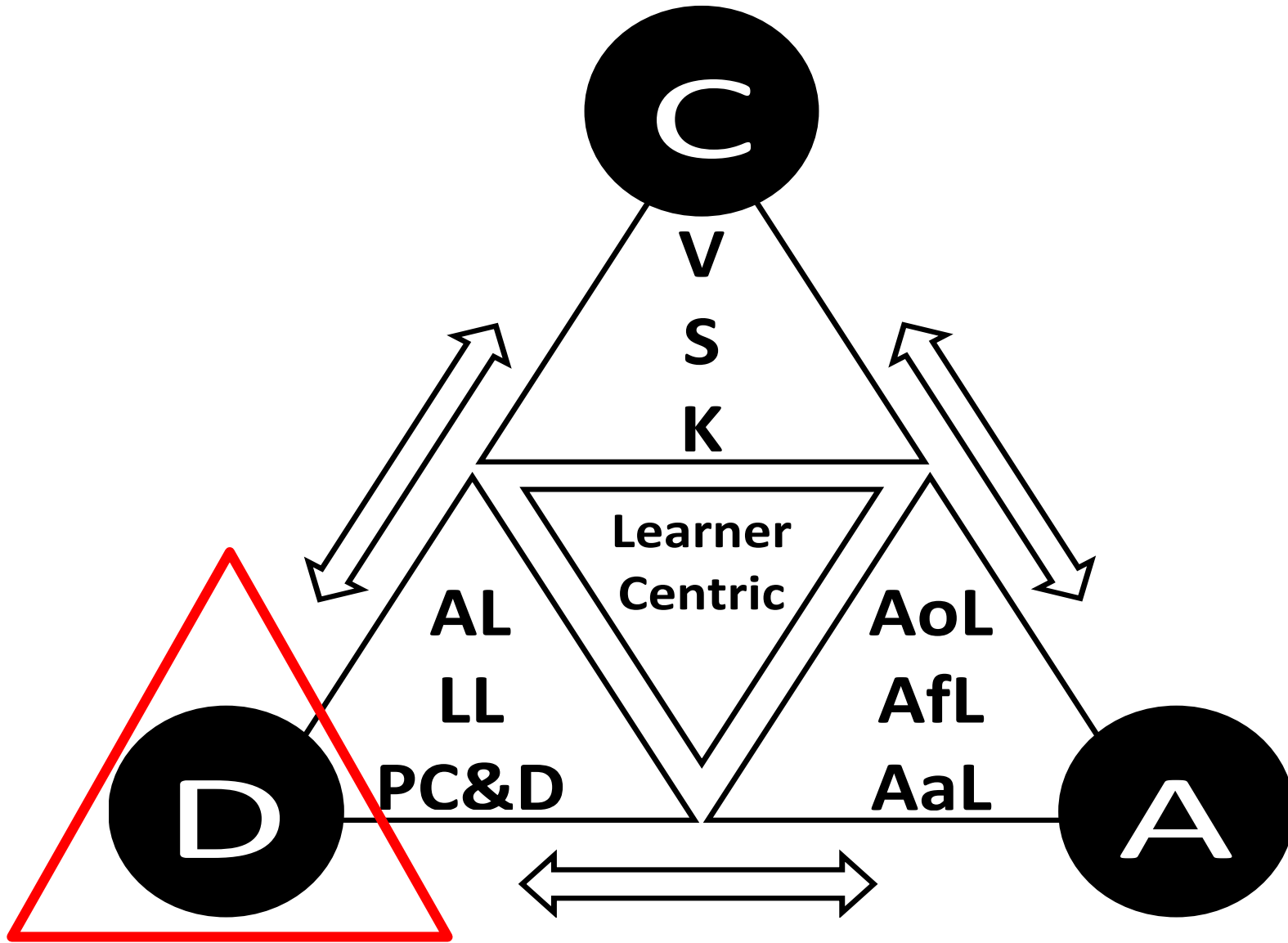
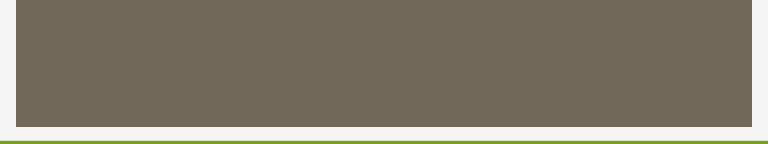
A grid of Google application icons including My account, Search, Google+, Mail, Calendar, Drive, Docs, Sheets, Slides, Sites, Groups, and Contacts. The Drive icon is circled in red.

Click on Google Drive
Lessons will be found here



What is a Curriculum

Content/pedagogy/assessment






Lesson Delivery

Pedagogy

Your Learning Mode

- $2 + 2 = 4$, this is the same whether I say it or the internet says it.
- So you are going into a self-directed independent learning mode where your learning will be scaffolded through a series of Power-point slides that will include some elements of a flipped classroom.



Elements of a flipped classroom

What are they?

Elements

- Power-point slides would take you to other resources in the internet which would expose you to some elements of the flipped classroom:
 - Visual text (the ppt slides and other resources)
 - Animations
 - Videos; etc



How to be effective?

What you need to do?

Effectiveness is dependent on:

- How critical and analytical you are to what you read.
- How to watch animation, video and other content? Yes you know how to watch “**SPIDERMAN**”. Its not the same as watching an educational video!



**Not the same as
viewing and
watching
educational
content**

Effectiveness is dependent on:

- You need to interact with the content, may it be video or anything else, in a meaningful way.
- Reflect and think through what you are exposed to.
- Before you start, ensure that your mental state is ready and prepared for learning.
- Ensure that you internalise the learning content.
- Take notes, because you are accountable for your own learning.
- Break up the content to smaller chunks as you will be given sufficient time to cover the content given.
- Please date each chunk of your notes and consolidate them at the end.



Topic



The Human Eye