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NOTETAKER CHECKLIST FORM

(Complete one for each talk.)

Name: Neelesh Tiruviluamala	Email/Phone:	tiruvilu@usc.edu
Speaker's Name: Anna Sfard and James Hiebert		
Talk Title:_Reflections on Ideas Discussed at the Workshop		
Date: 2 / 12 / 16 Time: _	4 : 30 am pm	circle one)
List 6-12 key words for the talk: Classroom observation, improving learning opportunities, mathematical discourse, observing mathematics		
Please summarize the lecture in 5 or fewer sentences: James Hiebert discusses the importance of moving towards measurement based observation practices. Anna Sfard analyzes the evolution of the vocabulary used to talk about classroom observation. She makes connections between this evolution and the progress that has		
already been made. She also talks about areas in which further progress can be made and		
how the vocabulary can give us clues about future directions.		

CHECK LIST

(This is **NOT** optional, we will **not pay** for **incomplete** forms)

- Introduce yourself to the speaker prior to the talk. Tell them that you will be the note taker, and that you will need to make copies of their notes and materials, if any.
- Obtain ALL presentation materials from speaker. This can be done before the talk is to begin or after the talk; please make arrangements with the speaker as to when you can do this. You may scan and send materials as a .pdf to yourself using the scanner on the 3rd floor.
 - <u>Computer Presentations</u>: Obtain a copy of their presentation
 - Overhead: Obtain a copy or use the originals and scan them
 - <u>Blackboard</u>: Take blackboard notes in black or blue **PEN**. We will **NOT** accept notes in pencil or in colored ink other than black or blue.
 - Handouts: Obtain copies of and scan all handouts
- For each talk, all materials must be saved in a single .pdf and named according to the naming convention on the "Materials Received" check list. To do this, compile all materials for a specific talk into one stack <u>with this completed sheet on top</u> and insert face up into the tray on the top of the scanner. Proceed to scan and email the file to yourself. Do this for the materials from each talk.
- When you have emailed all files to yourself, please save and re-name each file according to the naming convention listed below the talk title on the "Materials Received" check list. (YYYY.MM.DD.TIME.SpeakerLastName)
- Email the re-named files to <u>notes@msri.org</u> with the workshop name and your name in the subject line.

When words get in your eyes: and on the importance of paying On challenges of investigating Anna State, The University of Haifa mathematics-in-teaching

CIME - MSRI Workshop Series, Berkeley, CA

10 February 2016

2/13/2016

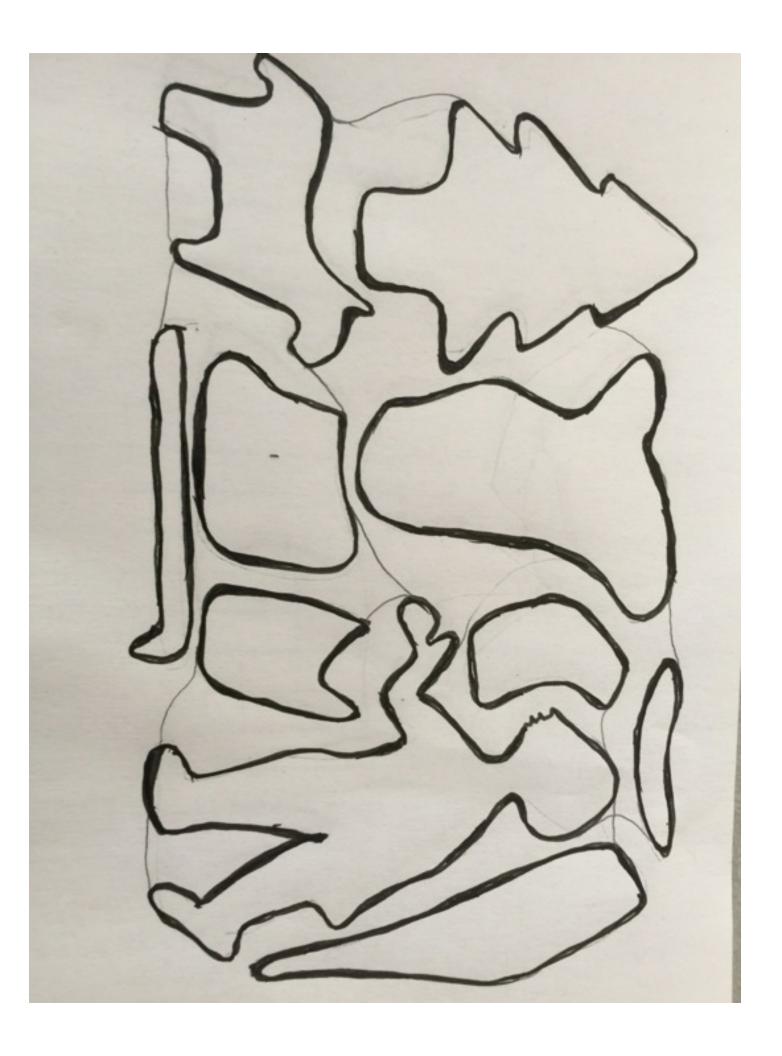
teaching and on the importance How we prevent words from Aturan united to the strain of On advances in observing getting in our eyes:

CIME - MSRI Workshop Series, Berkeley, CA

12 February 2016

2/13/2016

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Our words split the word into a foreground and a background

Our words split the word into a foreground and a background

that is

Our words split the word into a foreground and a background

that is

see and what we we let go unnoticed

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February 13, 2016

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to change our way of talking about what we observe

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so that our words become

to change our way of talking about what we observe

so that our words become

fully operational (refer to things we can see, not to undefined abstract entities)

to change our way of talking about what we observe

so that our words become

- fully operational (refer to things we can see, not to undefined abstract entities)
- highly sensitive allow to arrive at high-resolution picture of what is happening in the classroom

I was asked to act as observer.

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change is happening see whether the required attend to words used by the conference participants to

I was asked to act as I with thus try to do what I preach:

change is happening see whether the required attend to words used by the conference participants to

1. What were the words of note?

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- 2. What were the words that could be, but weren't

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February 16

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What we were looking at

What we were looking at

teaching

looking at What we were

- teaching learning

looking at What we were

- teaching learning clubbing!

looking at What we were

- teaching learning clubbing!

observing

looking at What we were

- teaching learning clubbing!
 - observing video

looking at What we were

- teaching learning clubbing!
 - observing video
- transcript

- looking at What we were
- How we looking were

- teaching learning!
 - observing
 - video
- transcript

- looking at What we were
- How we looking were

- teaching learning!
 - observing
 - video
- transcript

focus

- looking at What we were
- How we looking were

- teaching learning!
 - observing
 - video
- transcript

- focus
- frame

- looking at What we were
- How we looking were

- teaching learning!
 - observing
 - video
- transcript

- focus
- frame
- · lens

- looking at What we were
- How we looking were

- teaching
- learning!
- focus
- frame
- ens

- observing
- video
- transcript
- questions

- looking at What we were
 - teaching

 - learning!
 - transcript observing video
- questions
- rubric

focus

How we

- frame
- lens

looking

were

Keywords

- looking at What we Were
- How we looking Were
- What we were
- looking for

- teaching
- learning!
- focus
- frame
- ens

- observing
- video
- transcript
- questions
- rubric

- looking at What we Were
- How we looking were
- What we were
- looking for

- teaching
- learning clubbing!
- focus
- frame
- lens

- observing
- video
- transcript
- questions
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- mathematic

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collaborating

- What we Were
- looking were
- What we Were
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- supporting
- identifying,

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- participating
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- equity

we now speak about cript what we see in verbs rather than nouns

What we

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More specifically, I'll ask

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permanence (vs. constant change) Words that weren't: words that signal

permanence (vs. constant change) Words that weren't: words that signal

form-content dichotomy permanence (vs. constant change) Words that weren't: words that signal

form-content dichotomy permanence (vs. constant change) Words that weren't: words that signal

Words that signal evaluation form-content dichotomy permanence (vs. constant change) Words that weren't: words that signal

permanence (vs. constant change) Words that weren't: words that signal

Words that signal evaluation form-content dichotomy good, better

permanence (vs. constant change)

Words that signal evaluation form-content dichotomy

- good, better
- poor, worse

permanence (vs. constant change)

form-content dichotomy

Words that signal evaluation good, better

- poor, worse
- assessment (replaced by formative assessment)

permanence (vs. constant change)

form-content dichotomy

Words that signal evaluation good, better

poor, worse

assessment) assessment (replaced by formative

numbers

permanence (vs. constant change)

form-content dichotomy

Words that signal evaluation good, better

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Were we really purely descriptive and non-judgmental?

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non-judgmental? and what our mission is. Were we really For one thing, we could purely not be. This would be descriptive and contrary to who we are

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So let's judge and not be ashamed

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So let's judge and not be ashamed

But let us not relegate the judgement to numbers; and when we do, let us not delude ourselves that it's objective (only because one doesn't argue with numbers).

From my observations:

observations: you learned from your From my You all have applied what your own observations of teaching to

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your own

and the result was GREAT

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Thank you for teaching well! me and doing this so