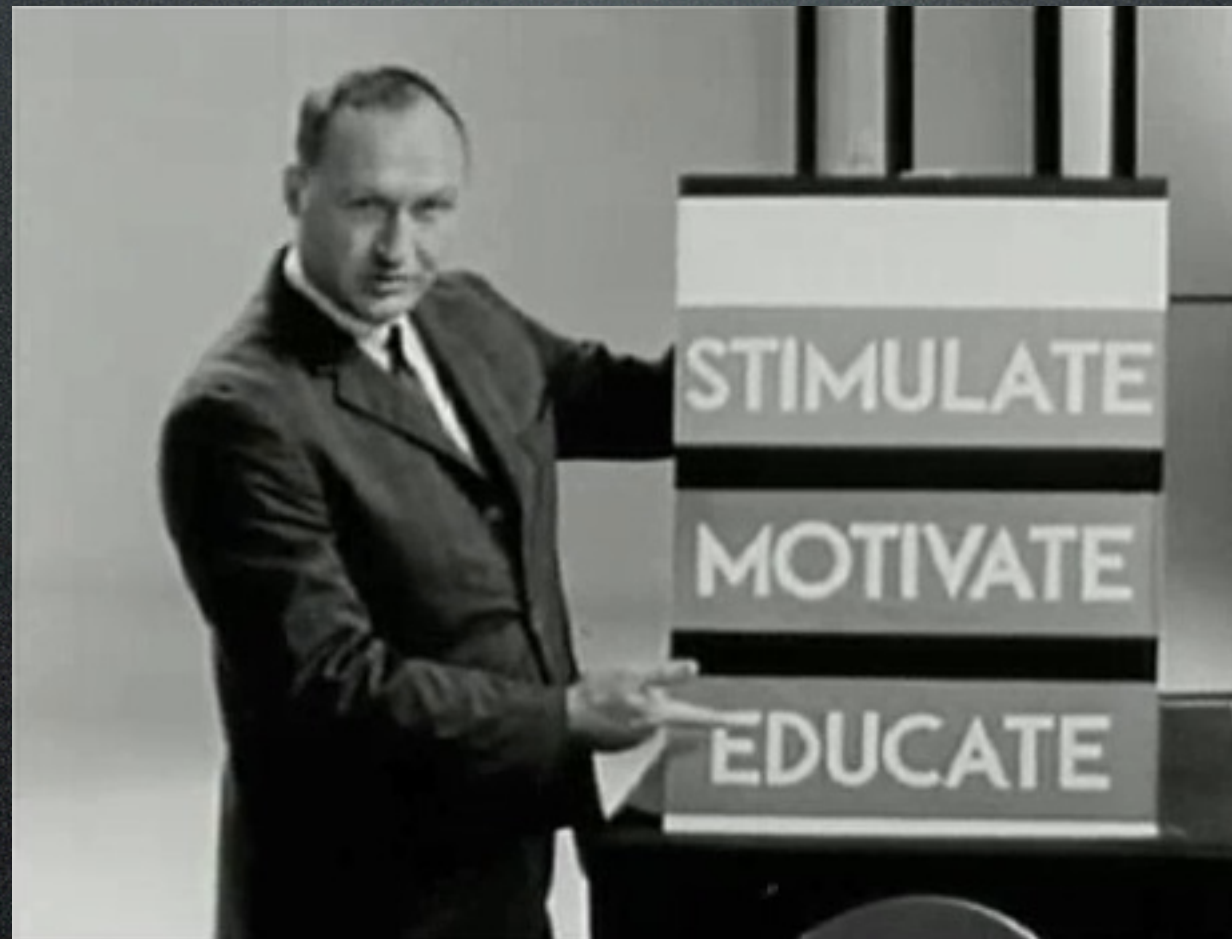


Empowering Staff to Integrate Technology

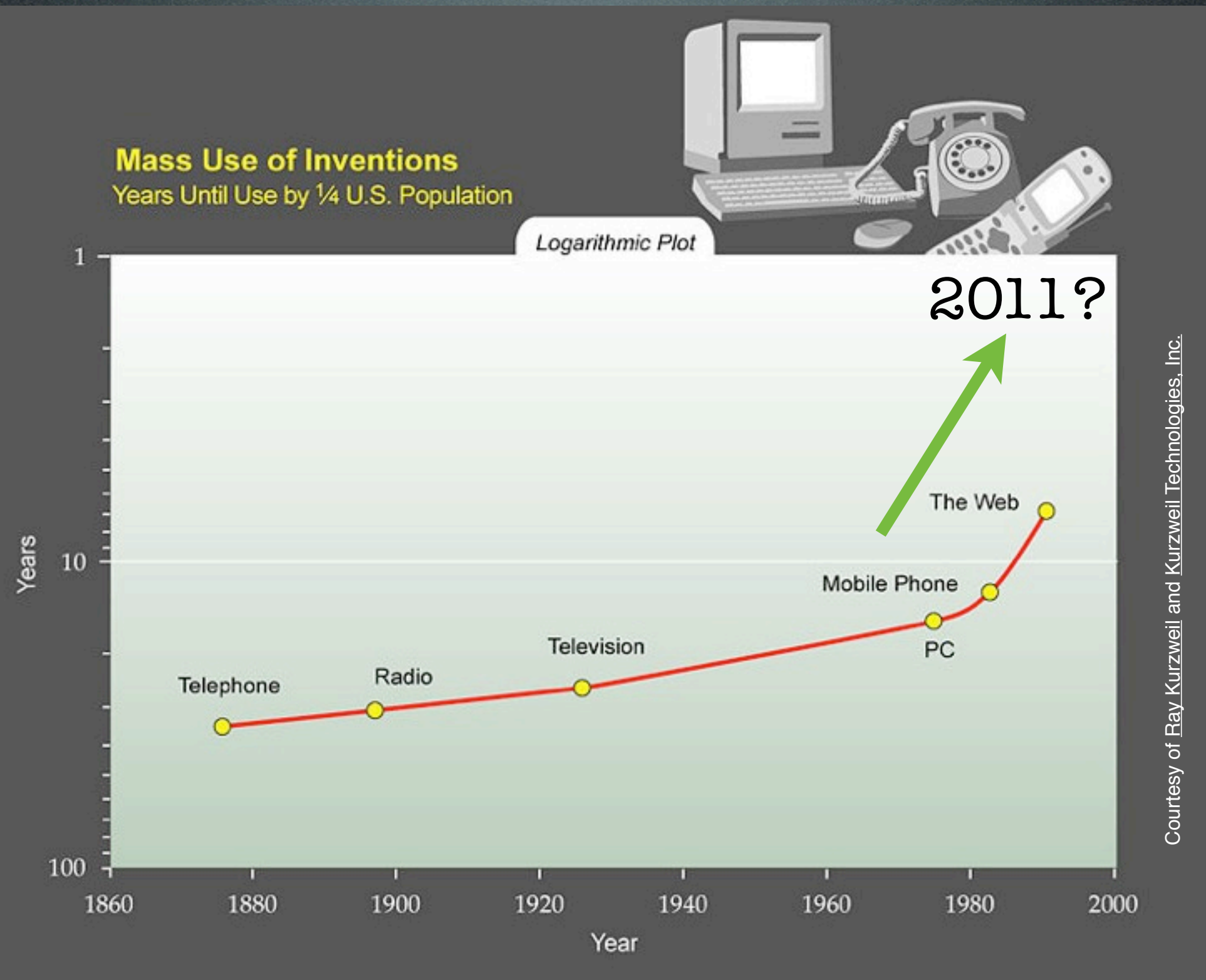


Technology Integration

A look back . . .

- **Our oldest teacher on staff started teaching over 40 years ago - imagine the changes in technology since then**
- **What did technology look like when you graduated from high school?**
- **And when you started teaching?**

Exponential Rate of Change





/ NCA's Review

📌 March 15-18, 2009

📌 Improve the application of technology to support teaching and learning

📌 Infrastructure is causing problems with weak connections which can make learning cumbersome and frustrating

📌 Teachers overwhelmingly want to utilize more technology in the classroom, but felt they met a “delay of game” when working with computers



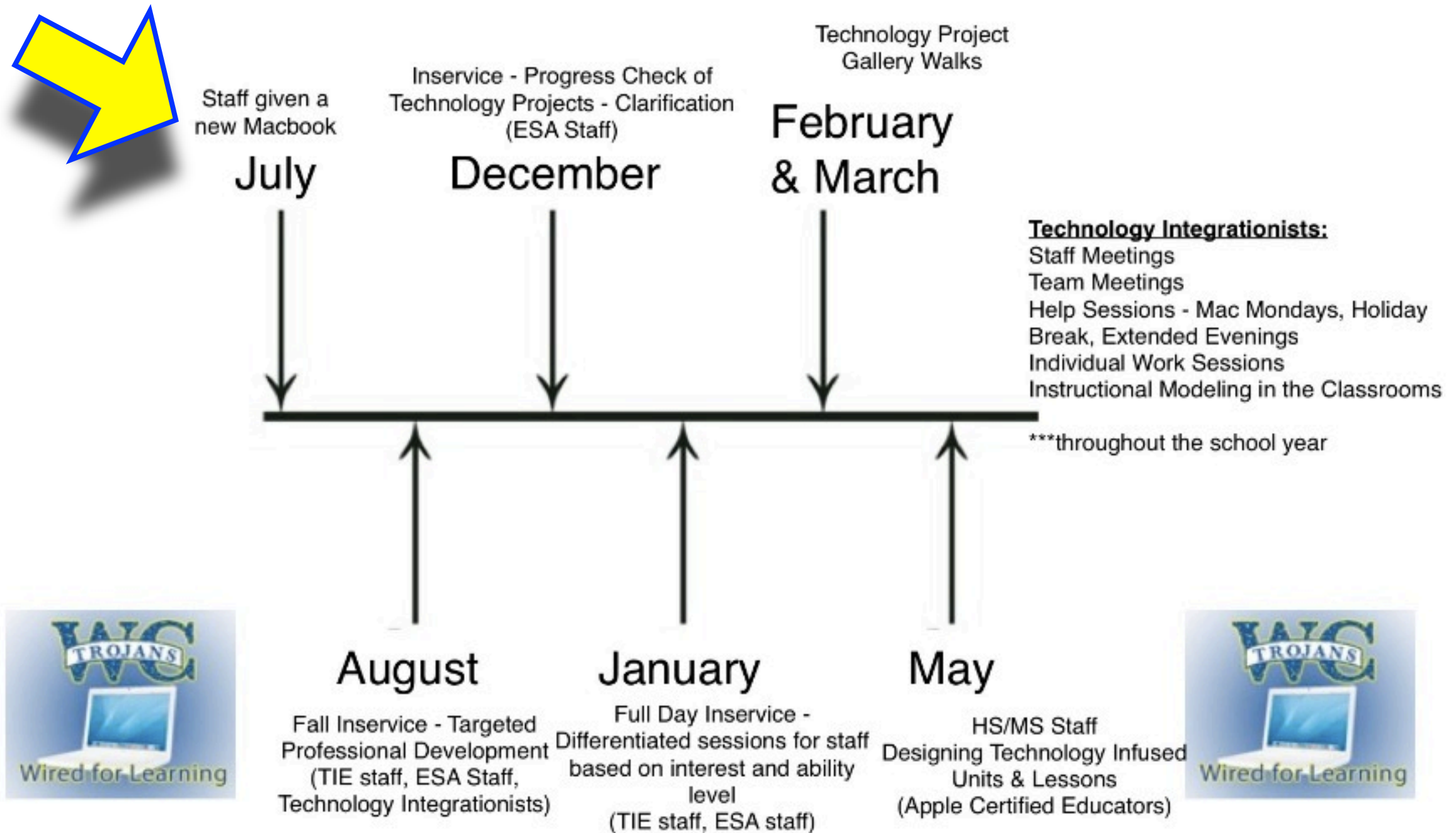
/ NCA's Review

- Quality of materials needs to be improved
- Lab space is a concern that was voiced by students, teachers, and community members
- Technology plan needs to be a working document that seeks feedback from the various stakeholders
- For students to develop 21st century skills, technology throughout the district must be addressed

District Response

- **New hardware/products**
- **Better infrastructure**
- **Professional development to support integration**

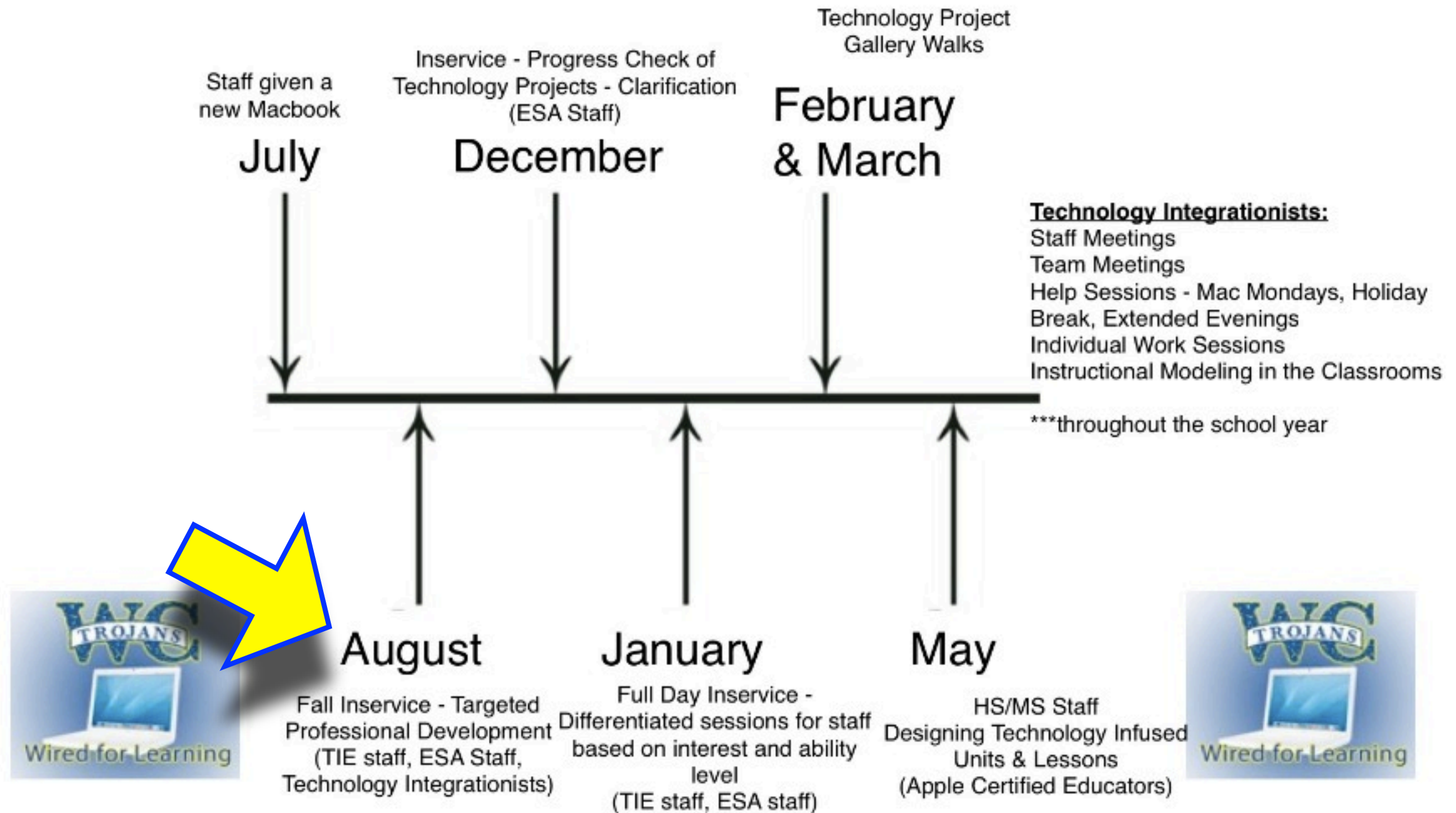
2009-2010 School Year



Staff Macbooks

- **Early July**
- **Pick up a laptop to “play with”**
- **Quick “How a Mac works” session**
- **Cook Out**

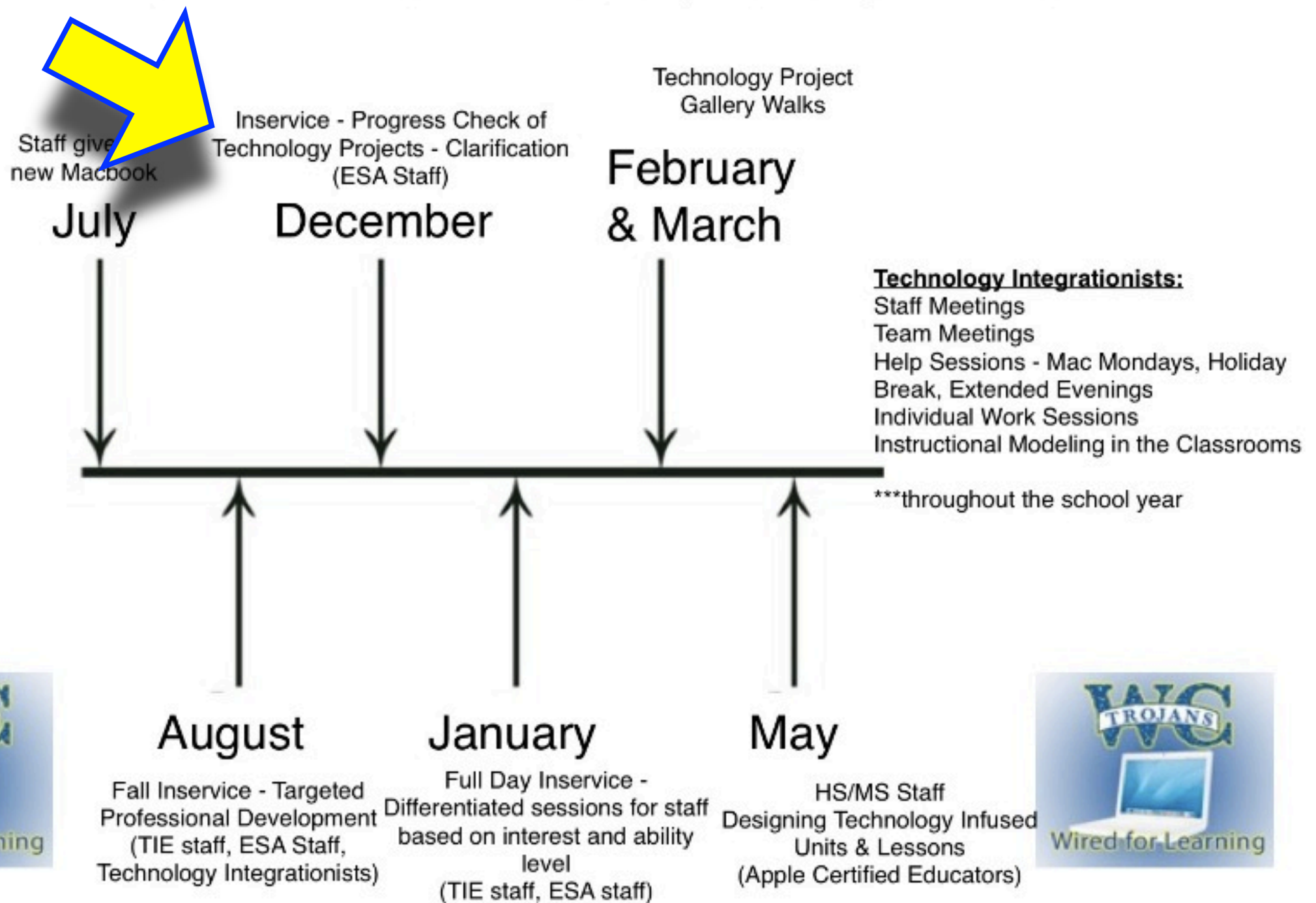
2009-2010 School Year



AUGUST INSERVICE

- **Full day for TECH INTEGRATION**
- **Four Sessions: Mac Basics, Introduction to Promethean, Wikispaces, & Google Docs**
- **Technology Projects - Introduced & offered FOR CREDIT (due Feb./Mar.)**

2009-2010 School Year

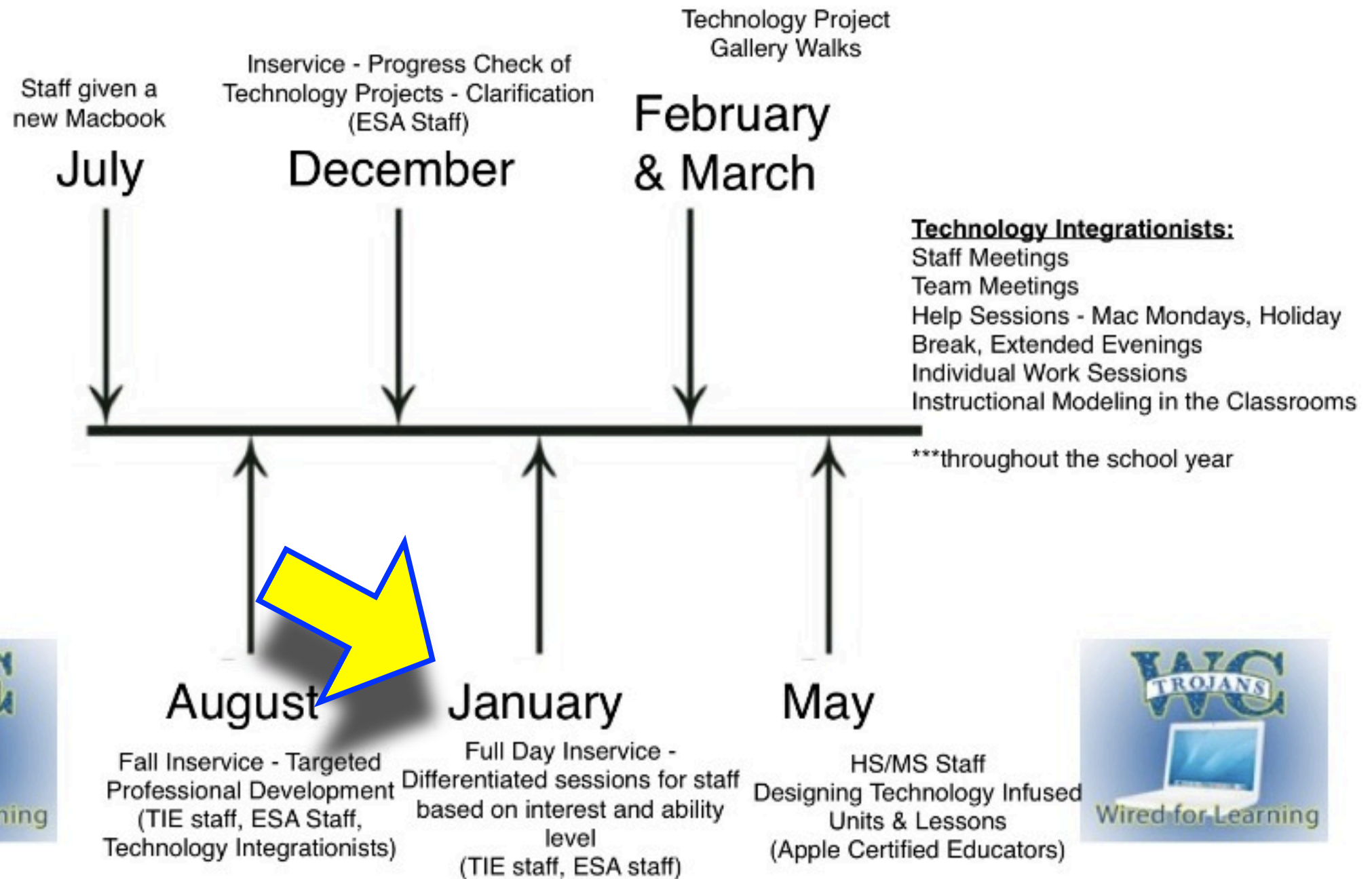


DECEMBER

Early Dismissal

- **Technology Project Reminder**
- **Clarification of Expectations**
- **Fear & anxiety - varying levels, must share, where do I begin?**

2009-2010 School Year

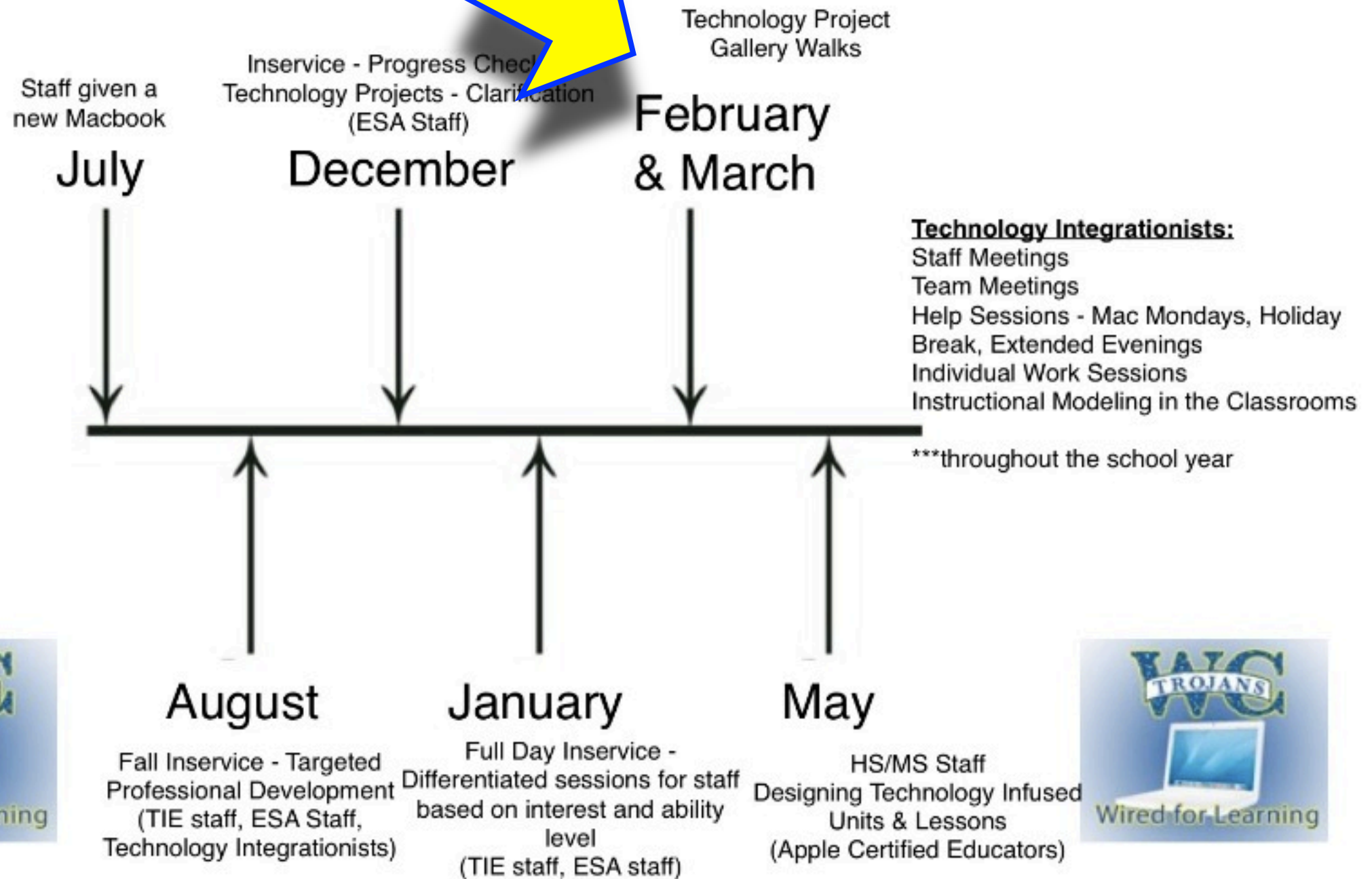


January FULL DAY Inservice

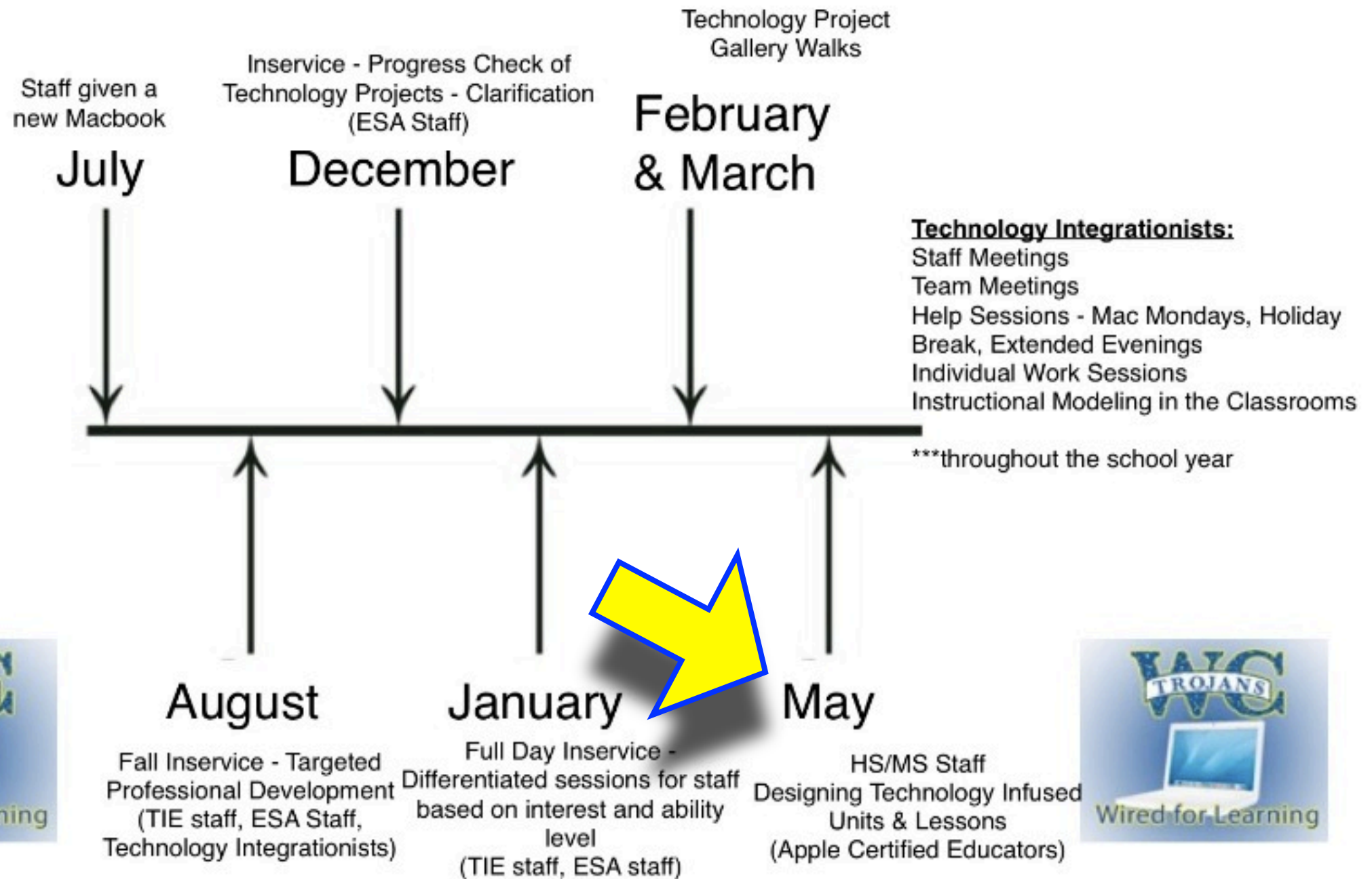
- **TIE staff & ESA2 staff presented differentiated sessions for staff based on interest and ability**
- **Staff signed up in advance**



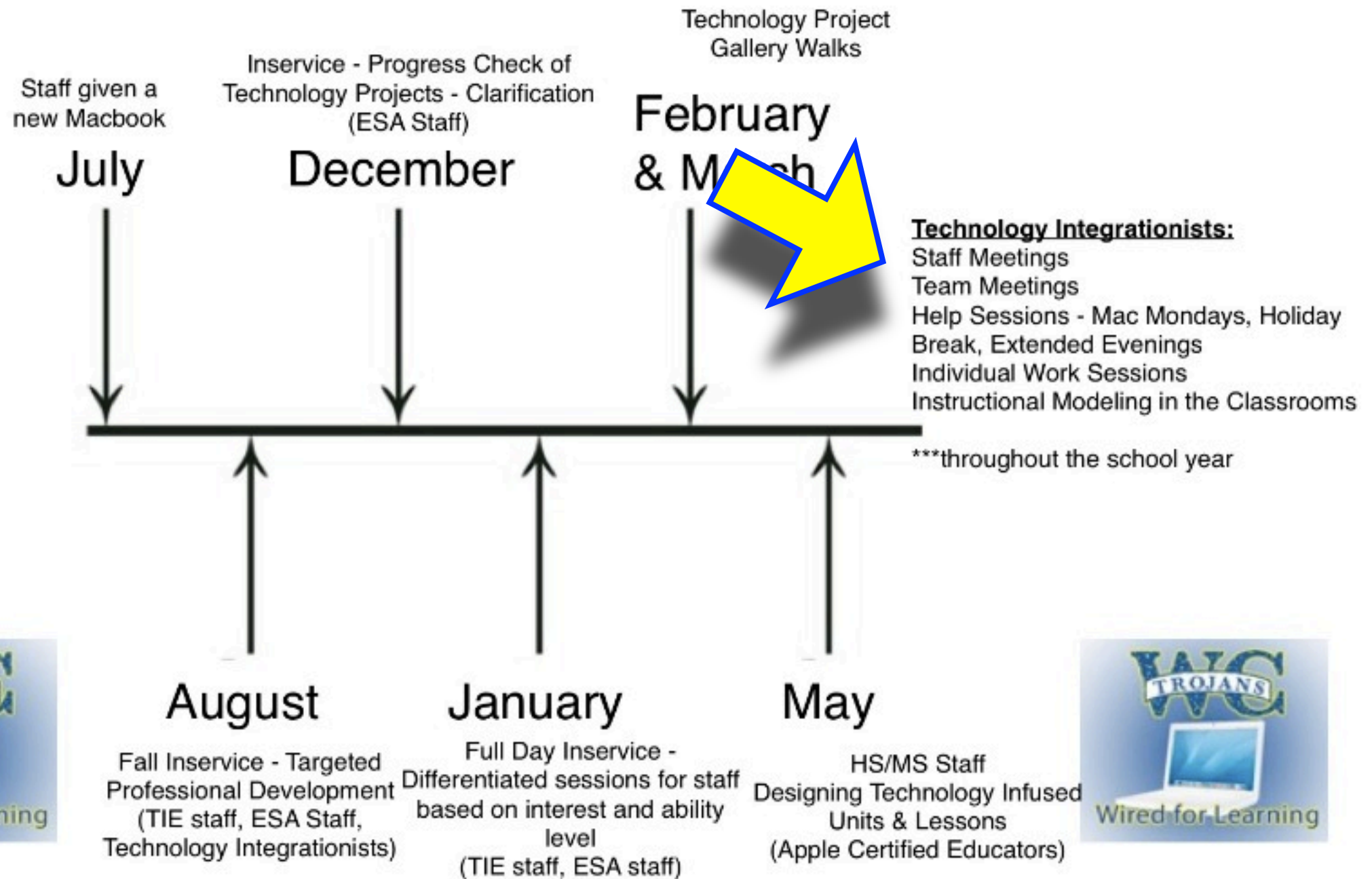
2009-2010 School Year



2009-2010 School Year



2009-2010 School Year



Role of the Integrationist

- **Staff Meetings**
- **Team Meetings**
- **Help Sessions (Mac Mondays, Holiday Break, Extended Evenings)**
- **Individual Work Sessions**
- **Instructional Modeling in the Classrooms**

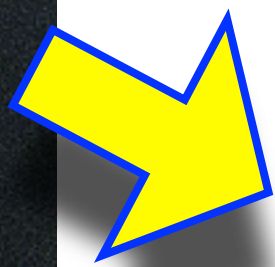


Additional District Response - 2010



1 to 1

2010-2011 School Year



HS/MS Staff
Project Based Learning
1-to-1 Training
(Apple Certified Educators)

August

Student Rollout
3 Sessions

Time to Go!
School's Starting!

August

HS/MS
Early Dismissal
Professional Development
Focus:
1-to-1/Tech Integration

October - Present

Curriculum Department
Meetings
Reflection and Evaluation on
21st Century Classrooms
Where are we?
Where do we go from here?

February

Technology Integrationists:

Staff Meetings
Team Meetings
Help Sessions
Individual Work Sessions
Instructional Modeling

***throughout the school year



August
HS/MS Staff
Guided Work Day
Planning for 1-to-1 &
Technology Integration
(ESA & District Staff)

September - Present

HS Staff
One PLC per month
for on-going training,
reflection, and
planning
for 1-to-1

January

Full Day Inservice -
Staff submitted proposals to
present on areas where there
was a need or interest
(West Central Staff)



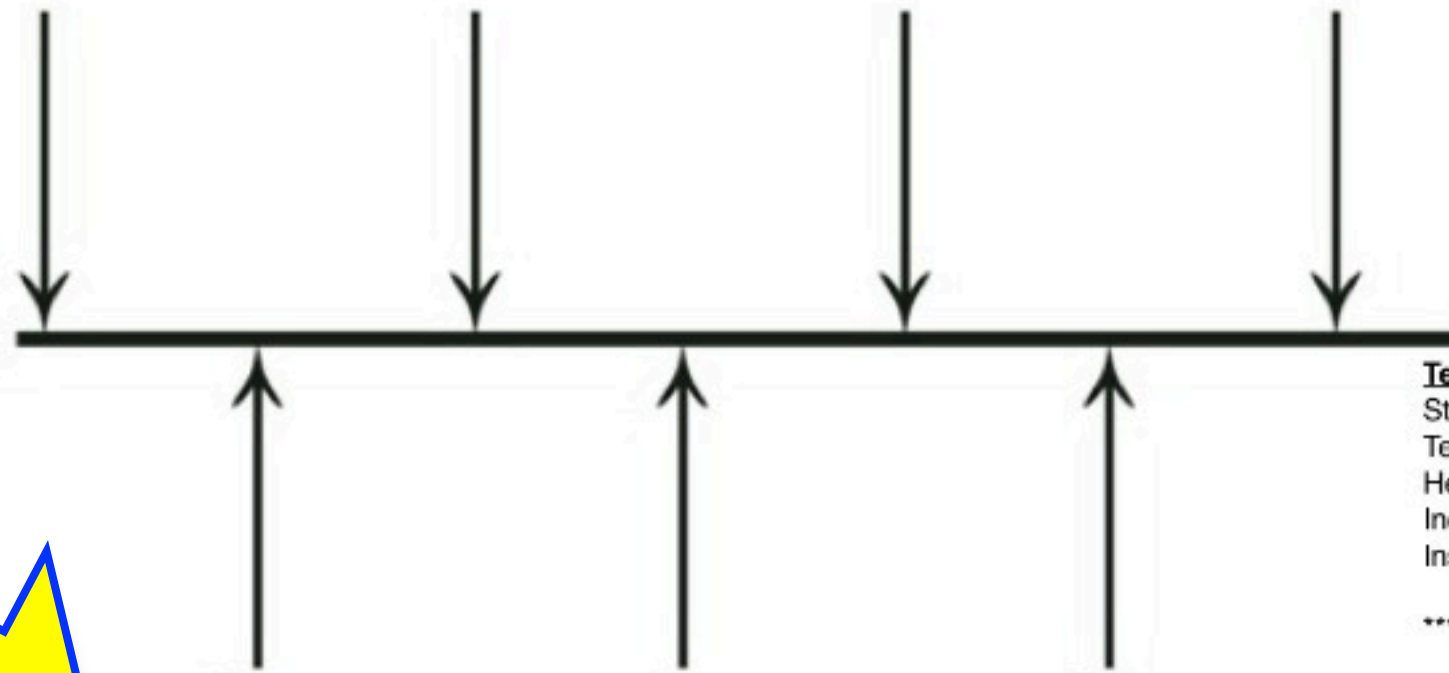
2010-2011 School Year

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***throughout the school year



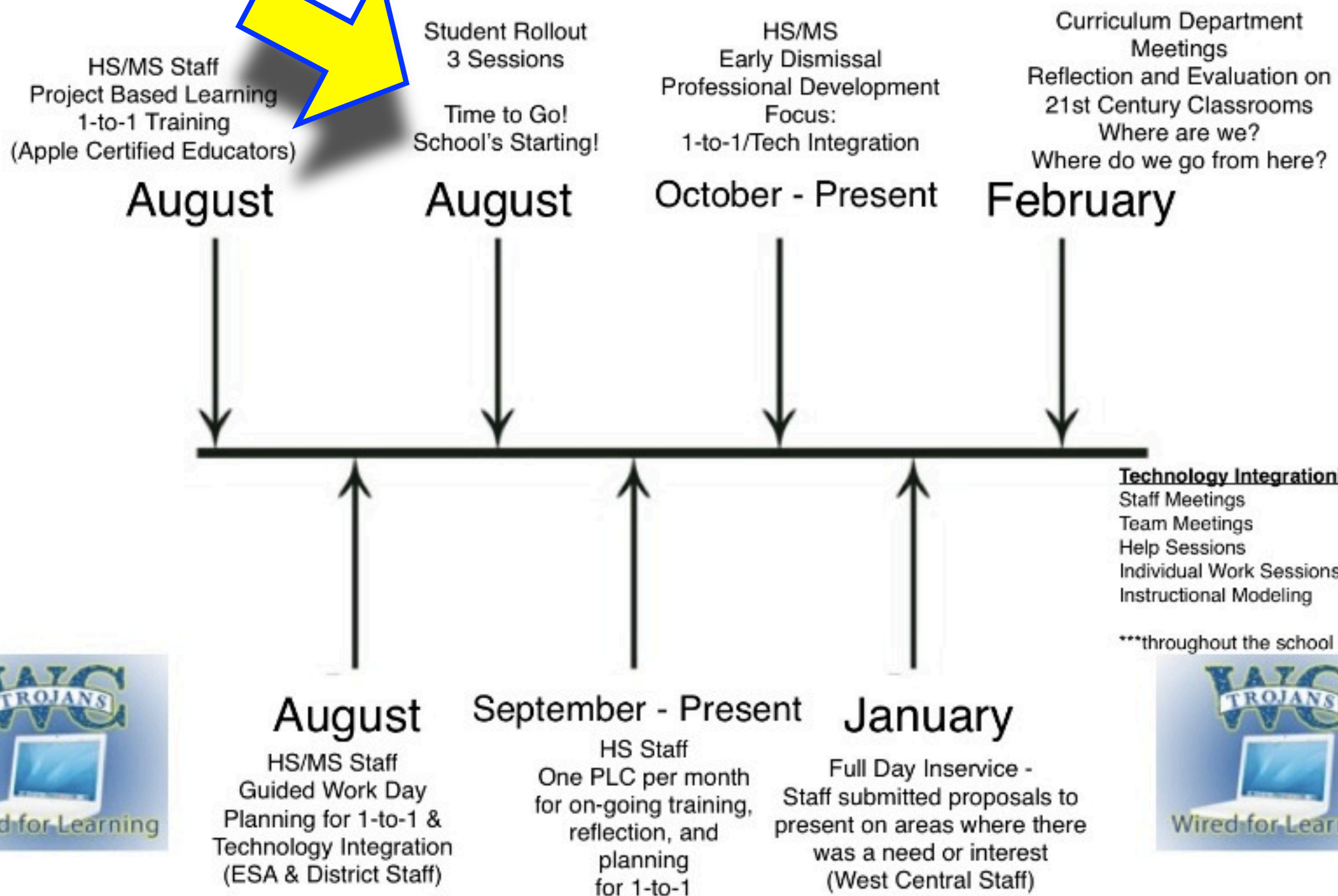
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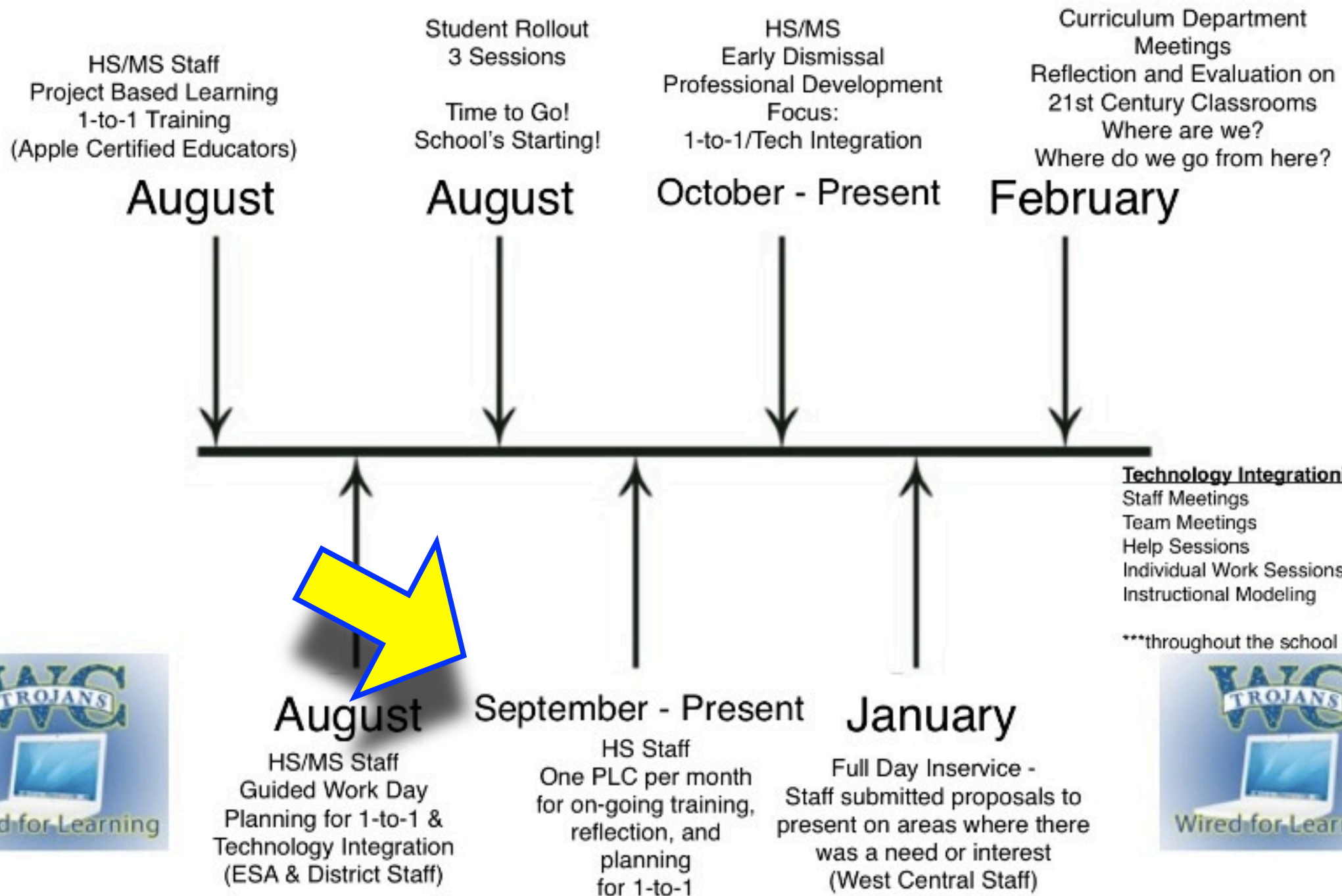
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2010-2011 School Year



2010-2011 School Year



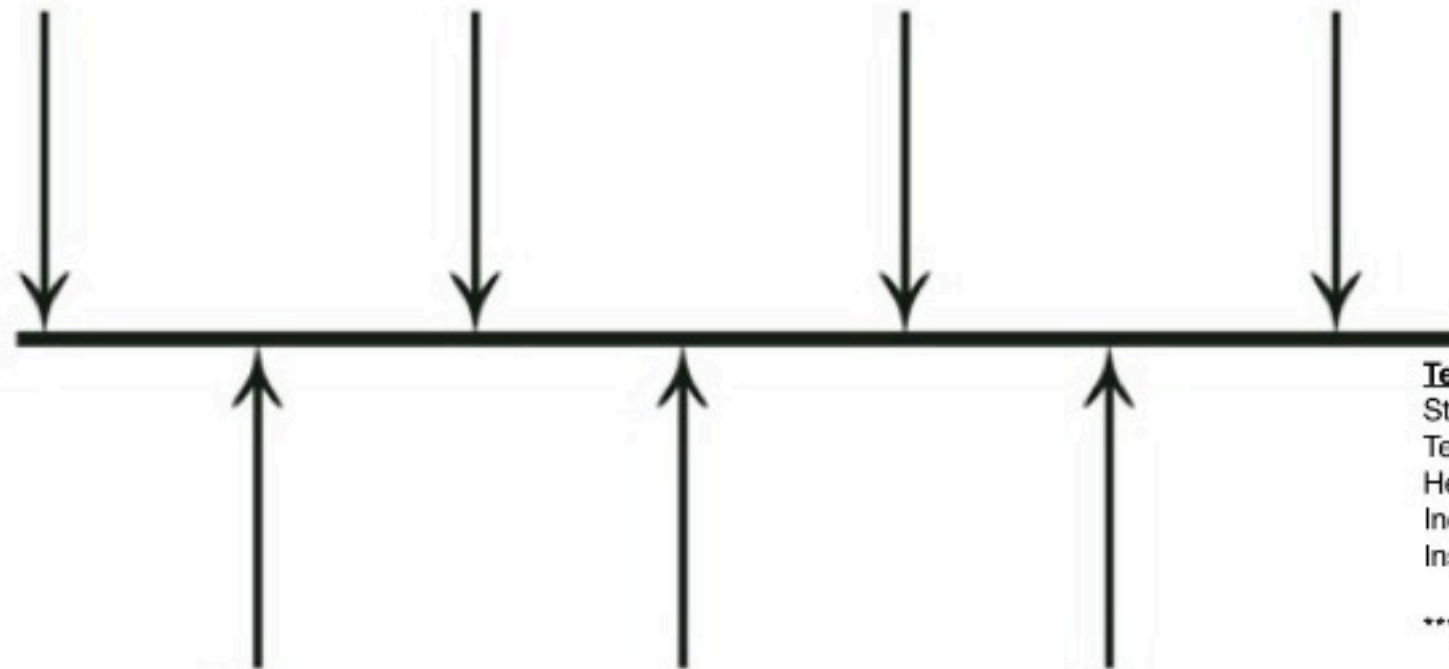
2010-2011 School Year

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***throughout the school year

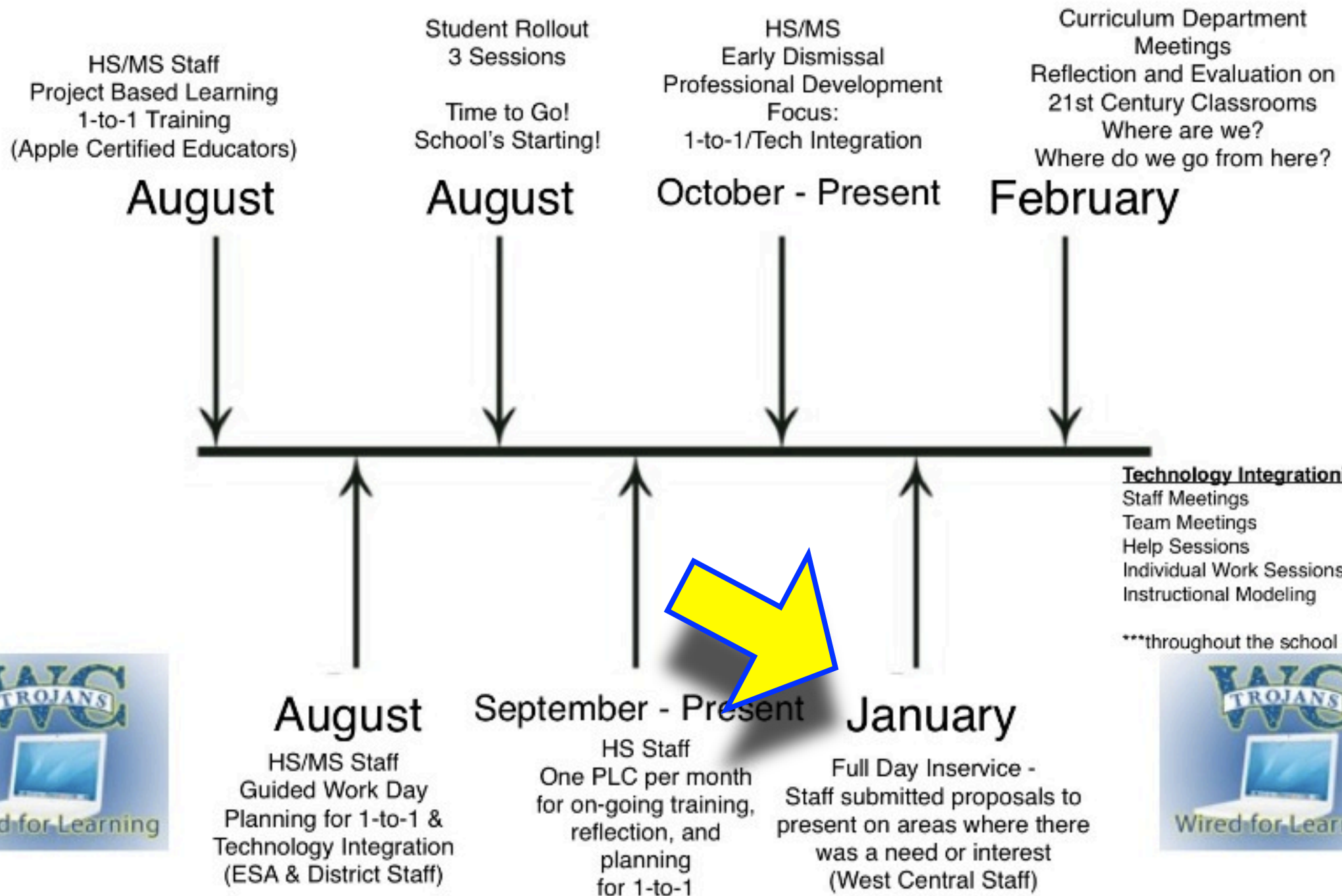
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2010-2011 School Year



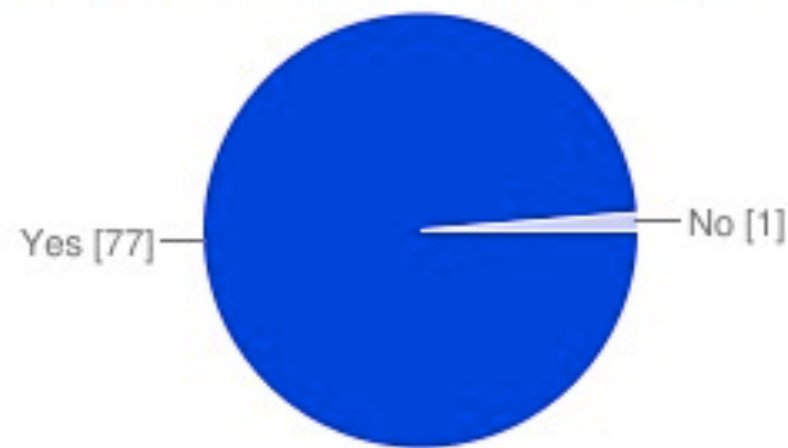
January FULL DAY Inservice

- **OUR OWN** staff presented sessions for staff based on interest and need
- **Staff signed up in advance**
- **CHEAP**



January Inservice Survey Results

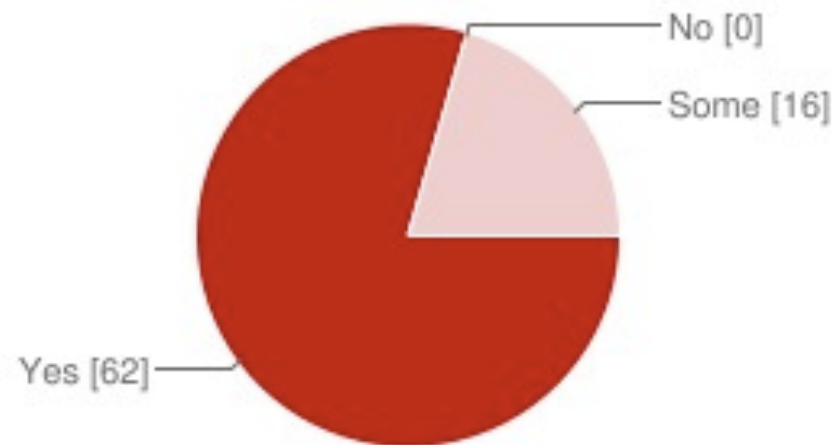
I found some things I can use in my classroom.



Yes	77	99%
No	1	1%

January Inservice Survey Results

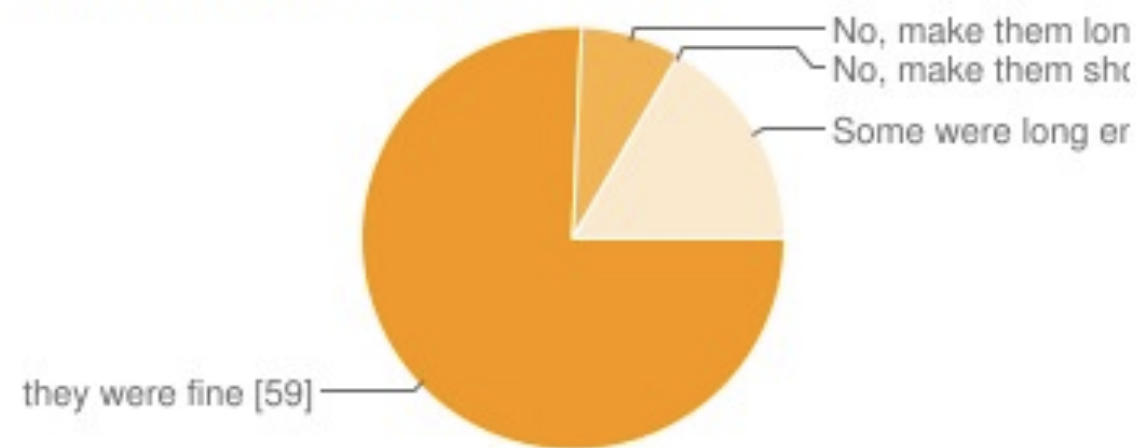
The sessions/topics were relevant to my teaching.



Yes	62	79%
No	0	0%
Some	16	21%

January Inservice Survey Results

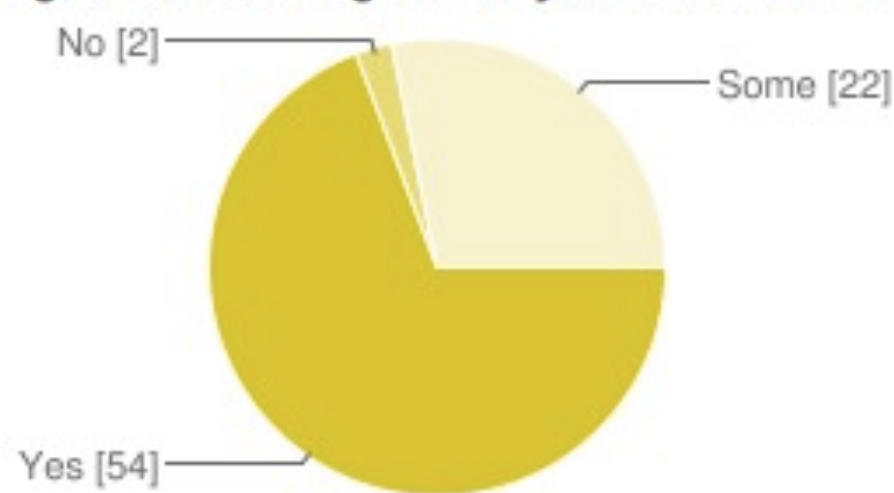
The sessions were adequate in length.



Yes they were fine	59	76%
No, make them longer	6	8%
No, make them shorter	0	0%
Some were long enough & some weren't	13	17%

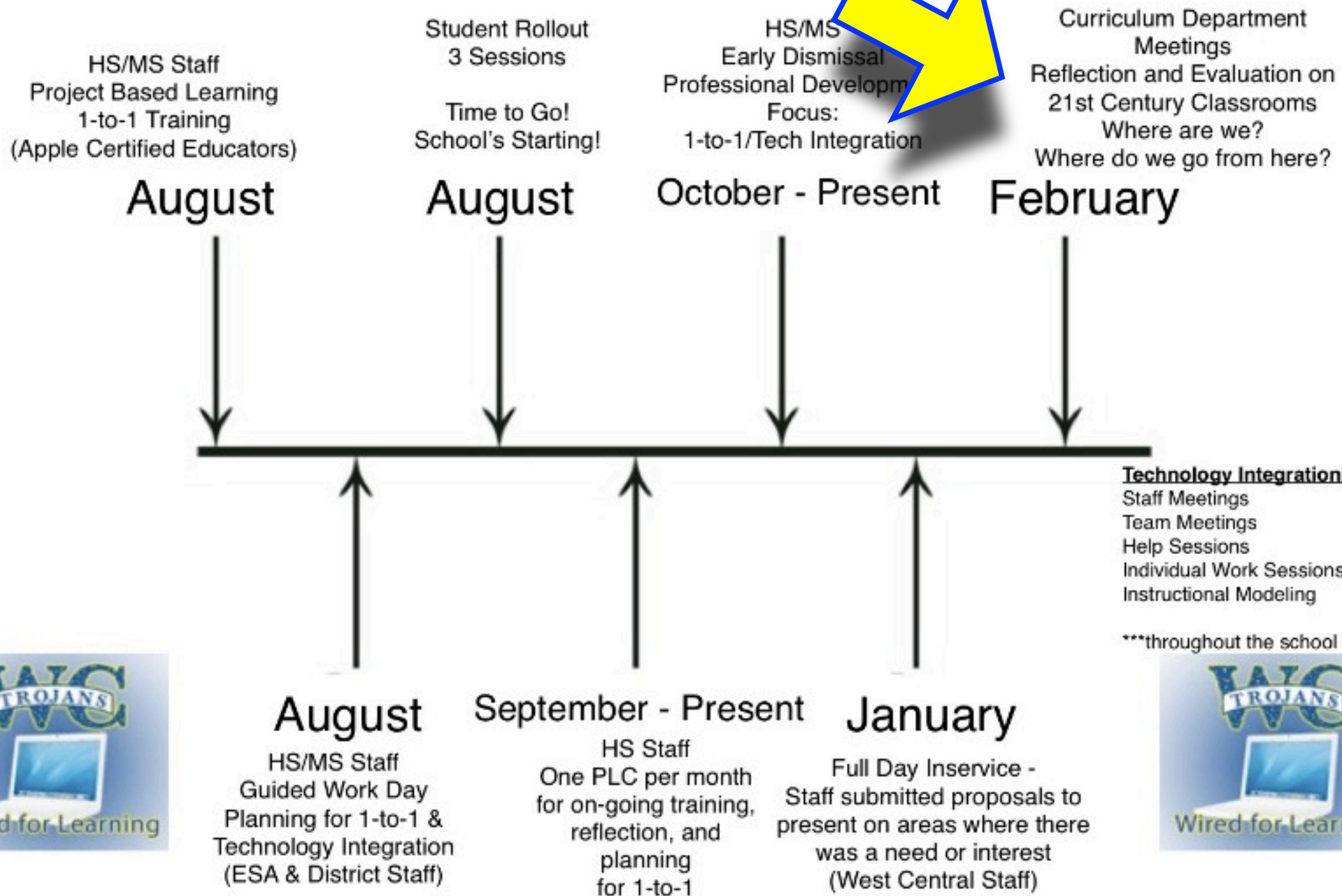
January Inservice Survey Results

Time was given for working on newly learned skills or discussions.



Yes	54	69%
No	2	3%
Some	22	28%

2010-2011 School Year



Each Area Reflected on . . .

20th Century Classroom -----Perfect 21st Century classroom

How do we get there? Look at these 4 things & rate how the department is doing in each of them to get to that 21st century classroom:

Scope & sequence

We're still in the 20th Century

1

2

Adequate

3

4

We're there!

5

Structure of Curriculum/content

We're still in the 20th Century

1

2

Adequate

3

4

We're there!

5

Role of Data

We're still in the 20th Century

1

2

Adequate

3

4

We're there!

5

Role of Technology

We're still in the 20th Century

1

2

Adequate

3

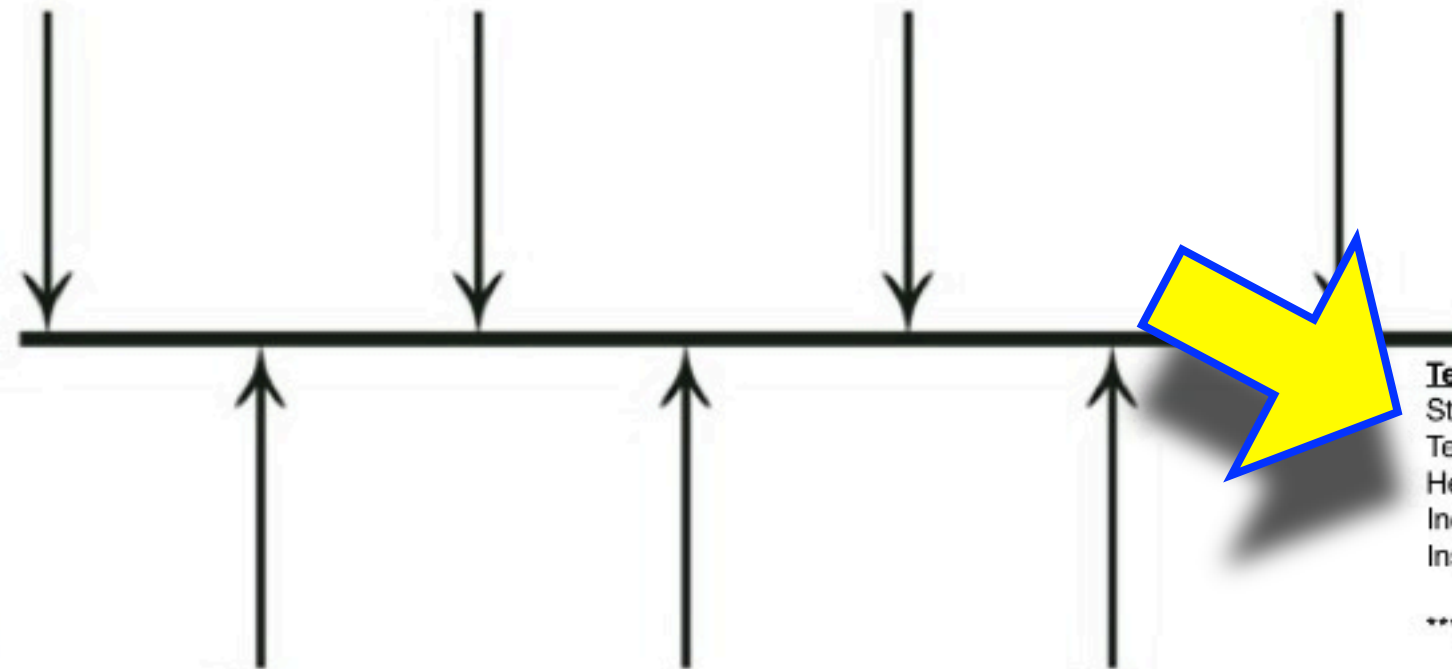
4

We're there!

5

2010-2011 School Year

<p>HS/MS Staff Project Based Learning 1-to-1 Training (Apple Certified Educators)</p>	<p>Student Rollout 3 Sessions</p> <p>Time to Go! School's Starting!</p>	<p>HS/MS Early Dismissal Professional Development Focus: 1-to-1/Tech Integration</p>	<p>Curriculum Department Meetings Reflection and Evaluation on 21st Century Classrooms Where are we? Where do we go from here?</p>
August	August	October - Present	February



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