You CAN do K-5 Research on a Fixed schedule!

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Our Experience

- Last year we were on a 40 minute schedule: 5 minute check in, 20 minute lesson, 15 minute checkout, 5-6 classes a day plus reading groups.
- I learned to chunk my lessons
- Repetition is ok! In fact the students learn more!
- Whole group research with kindergarten, first grade, and second grade
- Small group research with third, fourth, and fifth
- Plagiarism and citation lessons were more effective.
- Students learned how to use resources: NC Wiseowl, books, ebooks, Google Docs, and graphic organizers
- Collaborated with teachers for lessons from science and social studies curriculum.
- Let me tell you the effect I'm seeing this year with my students.
- Use of Google docs made sharing information with classroom teachers easier!
Fixed Schedule

- Classes meet once per week in a 40 minute fixed schedule.
  - Includes beginning of class independent book check in and sort on carts. (5 minutes)
  - Lesson & work time. (20 minutes)
  - Book check out. (15 minutes)
- Don't try to teach everything. Focus on the important skills your students need to learn.
- Expect it to take time.
- Allow yourself the time.

Example of last years schedule
Chunking lessons

Breaking the lesson down into a series of small bites makes it possible to conduct research in a 40 minute class period including book check in and check out.

- Have a planned curriculum related research goal or product.
- Take apart each step and plan to cover each step in one week.
- Create visuals or display what the students should be seeing-interactive board.
- Also create a set of steps to post elsewhere or split screen so students see both. (I freeze it so they don’t time out)
- Create a format for your student documents that allows you to easily identify students and classroom teacher to ensure all docs go to the right place.
- Or if you have your teachers using Google Classroom, Canvas, Edmodo etc.
Repetition

● Repetition of steps leads to:
  ○ Better recall of those steps.
  ○ Faster implementation of those steps each time.

● The basis of good teaching is simply a set of procedures that students learn by repetition.

● Think beginning of the year. Every classroom is spending time on step-by-step organizational procedures and expectations. We do that because it works!

● Procedures for handing out supplies, collecting papers and similar things. KIS!

● It's OK if logging on to technology takes time from actual project. Students actually will get faster and will learn more because of the repetition.
Whole Group K,1,2

- It is useful to have a good procedure for passing out materials so that it goes quickly. Having clipboards or some kind of writing platform is great so that all can be on the carpet together and still able to write. (lapboards and pencil cups)
- Organize papers to be easily retrieved each week! (Day folders)
- Post your vocabulary words so they can see them and any scaffolding needed for writing. You demo what you want students to do and work in small bites. Example:
  Turkey Research 1: Create a Turkey Graphic Organizer.
  Turkey Research 2: Read the book and fill in the G.O.
- Group write to fill in information as needed and allow students to share unique sentences.
Small Group 3,4,5

Break topic down into small pieces that can be completed in the time allowed.

Week 1 Demo. Students then get logged into Destiny and Create a Google Doc with names of teacher and group. Save and share.

Week 2 Demo finding and saving an image in Image Quest. Students then look for topic image, create account and save image.

Week 3 Demo copying image into Google Doc and citing. Students log in and locate save image, copy image and move to Google Doc. Add citation.

Week 4 & 5 use print or web resources to answer research question. Demo citing and avoiding big “P”
Plagiarism

- “The Big P” always remind students that they want to avoid it.
- Share real world examples to teach the importance of giving credit to creators.
- All students even in kindergarten need to be taught the big P in simple terms. I teach this to all students: (visual hand sign)

**Plagiarism** is **lying, stealing, and cheating**

- **Stealing**-using someone else's work without permission or giving credit
- **Lying**-putting your name on work you didn't completely do on your own or that doesn't give credit
- **Cheating**-when you turn it in for a grade
Accurate and Reliable

- Before we talk resources let’s talk about why we focus on these resources. They are accurate and reliable. I have signs posted by my interactive board that I point to and quote often with all grades.

  **Resources** and **Search Engines** should be

  **Accurate** Correct in all detail. Free from error.

  **Reliable** Trusted. Dependable. Consistently good in quality.

- Apply this to all databases or other resources provided by your school system.
Research Process

- Whatever is used in your school post it in the most simplest terms and refer to it often using the language. Use it to introduce the lesson and or summarize for the class.
- We use Super Three-I will sing it to k-2 students to tune of Bingo.

Super 3 Research Process
1. Plan
2. Do
3. Review

- Big 6 for teachers and Big 6 for students
Citations

- Even the Kinders can write very simple citations. Model it for them and allow them to copy.  

- The 3-5 students can write more detailed citations but unless your system states otherwise **title** and **author** or **web address** is all that is needed.

- In addition Destiny, NC Pedia, and Imagequest provides excellent citations for library materials. It is a simple copy and paste.

- OSLIS (NC WiseOwl)
Resources: NC Wiseowl

Elementary School

- Britannica School
- Learning Zone
- Citation Maker
- Newspaper Source Plus
- Copyright for Students
- NC Resources
- K-8 eBooks
- NoveList K-8 Plus
- Explora
- PBS Videos
- Kids InfoBits
- Primary Search
Resources: Books, yes BOOKS!

- Destiny has fantastic built in resources to create resource lists, citations, and collections. It is a great way to get students to use print resources.
- I had my 5th grade students exclusively use books for their terrestrial and aquatic ecosystem research. Books are hard. Books aren't clickable. Students need to know how to navigate them. They need to be taught to interpret them.
Resources: Ebooks

- Destiny
- NC WiseOwl has 10000 K-8 eBook Collection is aligned to curriculum. 7000 are nonfiction and 3000 are fiction.
- Epic!
Your students may use this in the classroom. I always teach the basics of collaboration.

Students do not all know how to format documents. This requires lots of mini lessons as needed.

- For example:
  - How to insert text.
  - Fixing text without deleting everything.

Use the version function to recover lost text.
Resources: Follett Destiny

- Destiny has fantastic built in resources to create resource lists, citations, web searches and collections. It is a great way to get students to use more quality resources and stop the “Google It” mentality.
- Our system has Webpath Express function. It allows for web searches of sites that have already been evaluated as accurate and reliable.
- Webpath express results have brief summary of website, topics, and are also leveled for readability-k-2, 3-5, 6-8, 9-12.
Resources: Graphic Organizers

- I provide graphic organizers for most projects. Here are some examples

**Kindergarten**
**First**
**Second**
**Third**
**Fourth**
**Fifth**
Collaborate

- You can easily collaborate with teachers using Google Classroom or simply share a folder in Drive with each teacher and drop the work into the folder. Teachers will easily see student progress over the entire project.
- All student work can be shared easily including completed Graphic Organizers, Google Slides and docs all can be dropped in for easy access.
- Collaboration on topics to teach is very important. We are supporting curriculum needs. I share this document with my teachers to fill out on grade level to get their input and guidance. I also have frequent conversations throughout the year.
Choice Boards

- Helpful in differentiating lessons as there are a variety of levels.
- Helpful in allowing for very limited technology.
- Helpful in catching up students that have not had access to Destiny tools.
- Sharing with teachers so that skills are incorporated into the classroom project requirements.
- Allowing collaboration between students to foster learning.
- I use “3 B4 Me” because I am one person with 45 minutes in classes of 30, so, I want them to make use of their time.
<table>
<thead>
<tr>
<th><strong>HOLD A BOOK</strong></th>
<th><strong>MY INFO TAB</strong></th>
<th><strong>RESOURCE LIST</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Place a book on hold that you really want to read. Remember that the book must not be available on the shelf when you put it on hold. It must be checked out to be put on hold. Remember to come and check it out when it comes in. It will alert you in your account that it is ready. Write it below.</td>
<td>Log in to your Destiny account and find the My Info tab. Take a screen shot and email it to me or write it on a piece of paper with your name, date and class and turn it in to me.</td>
<td>Choose a topic or subject or author of interest to you and create a Resource List in your Destiny Account. Show it to me &amp; write the topic below for credit.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>DESTINY DISCOVER</strong></th>
<th><strong>STUDENT CHOICE PROJECT</strong></th>
<th><strong>LIGHTBOX BOOK</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Go to Destiny Discover and find browse by topic. Name three of the topics available here.</td>
<td>Student Choice Project with my approval a student choice project that shows usage or abilities of the Destiny Library Management System</td>
<td>Read a Lightbox book located in Destiny Discover. Write a minimum of 3 sentences to tell me how it is different from other types of books.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>CITATION INFORMATION</strong></th>
<th><strong>DESTINY REVIEW 1</strong></th>
<th>**<strong>DESTINY REVIEW 2</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>From your account, create a resource list. Choose 2 resources to edit and create citations and save.</td>
<td>Provide STARS for a book you have recently read in the media center.</td>
<td>Create a written review for a book in the media center. Be sure to proofread and do not give spoilers!</td>
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This Year

I am lucky that my class has increased 10 minutes giving me a 30 minute lesson. Already in my Destiny orientation and resource review classes with 3,4,5 I am seeing the benefits of last year's lesson chunking and previous years resource, citation, and plagiarism lessons. Students feel comfortable verbalizing their knowledge of resources, why we don’t Google it, and how to avoid plagiarism. I can’t wait to see how much better their projects are this year!
Additional Resources

- You can’t teach your students about resources, citations, and plagiarism and not teach your teachers! Below is a slide show you can adapt to your needs for doing a one hour overview. I hold UC Digital Learning workshops for my teachers the last Monday of a month to expand on the topics in the slide show or others as needed. Meet your staffs DLC goals and your own evaluation instrument requirements.

- **Don’t Google it!** An overview of using appropriate, accurate, and reliable resources with your students.