Our analysis of Canvas data revealed that:

- **4.1 Simple Shallow Designs**
  - The course is primarily a resource-sharing site, organizing files within folders.
  - Discussions and collaborations are minimally used.
  - The home page also refers students to the pages section, where each page contains a simple link to a file. The same files are available in the files section.

- **4.2 Complex Shallow Designs**
  - Activities are not presented in sequence, but with a disconnected "bucket" approach (e.g., assignments contain assignments, discussions contain discussions, modules contain documents, etc.).
  - Each lesson begins with a single, simple page that hyperlinks directly to the next one.

- **4.3 Simple Deep Designs**
  - The course website is developed with the tasks in mind, with activities presented in sequence.
  - The home page also refers students to the pages section, where each page contains a clear, intuitive design.
  - Discussions and collaborations are used more often.

- **4.4 Complex Deep Designs**
  - Activities are not presented in sequence, but with a disconnected "bucket" approach (e.g., assignments contain assignments, discussions contain discussions, modules contain documents, etc.).
  - Each lesson begins with a single, simple page that hyperlinks directly to the next one.

Now let's get down to the big questions:

1. **How Teachers Use Digital Resources**
   - How complexity has distributed across course designs
   - How complexity relates to student-outcomes

2. **How Navigation Affects Student Outcomes**
   - How navigational complexity and depth relate to student-outcomes

3. **Dependence on Digital Resources**
   - Images (54.1%)
   - Presentations (15.6%)
   - Documents (10.7%)
   - Audio (4.7%)
   - Video (1.6%)

Institutions using Canvas:

- In 2014, 23.770.751+ Petabytes of learning data
- In 2015, 84.053.294+ Petabytes of learning data

Institution using Canvas:

- Concurrent user peak
- Unique users

In June 2015, the Canvas learning management system (LMS) has hosted 186,337,240 hours (that's 7,764,050 days or 21,256 years) of fully-online, blended, or hybrid teaching.

Since its formal launch in 2011, the Canvas LMS has been used by 4.2 million educators, supporting 22 million courses, and hosting 3.5 million active courses. Over 230 million users have used the Canvas LMS platform, accessing 36 billion pages and files. Since its launch, Canvas has recorded more than 1.4 billion page views and 2.4 billion file views. The system hosts more than 250 million files and more than 37 million images.

We found small, but significant correlations between key student outcomes and the depth of feature usage and navigational complexity in course design.