

3. Students should use Dropvine, <http://www.dropvine.com/>, to share the link of the occupation with the teacher.
4. Students will write a 3 page, double spaced paper on what they have discovered.

Standards:

C.2. Students find derivatives of algebraic, trigonometric, logarithmic, and exponential functions. They find derivatives of sums, products, and quotients, and composite and inverse functions. They find derivatives of higher order, and use logarithmic differentiation and the Mean Value Theorem

C.4. Students define integrals using Riemann Sums, use the Fundamental Theorem of Calculus to find integrals, and use basic properties of integrals. They integrate by substitution and find approximate integrals.

Rubric:

Category	3	2	1
Origin of Calculus	Students show that they are well educated on how calculus originated and how it was used to solve problems during that time period	Students show that they are somewhat informed on the origin of calculus and how it was used	Students discuss only one of the two areas of the origin of calculus
Careers	Students discuss how calculus is used today and talk about the career that was interesting to them (and share the link with the teacher using Dropvine)	Students discuss how calculus is used today and talk about the career that interested them (and do NOT share the link with the teacher using Dropvine)	Students only discuss one of the two areas of careers
Organization	The paper has an intro, body, and conclusion and the sources are all cited correctly	The paper has some organization and the sources are somewhat cited	The paper has little organization and sources are not cited