

# Introduction to Open Educational Resources (OER)

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ONLINE OPEN GENETICS

HOME NOMENCLATURE USING RATIOS CELL CYCLES OPEN GENETICS

### Welcome to Online Open Genetics!

To be successful in Introductory Genetics, you are encouraged to use the supplementary electronic resources provided by this website. These resources will help you learn and practice problem-solving skills and self-assess your knowledge as you progress through the course. The website provides:

- short instructional videos and
- supplementary readings, as well as
- interactive exercises

These will help you deepen your understanding of basic concepts in genetics, as well as to practice and refine the skills needed to solve common problems in genetic analysis.

### Using this Open Educational Resource

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# OPEN PHYSICS

User Guide (Start Here)

The Electronic Structure of the Atom

Radioactivity

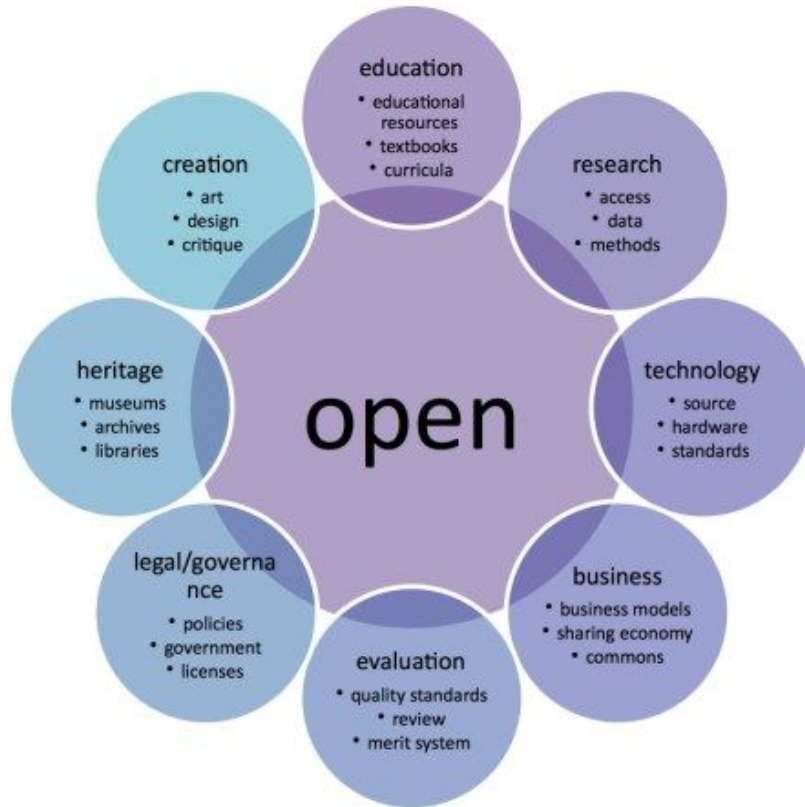
$E = mc^2$

BURGER 101

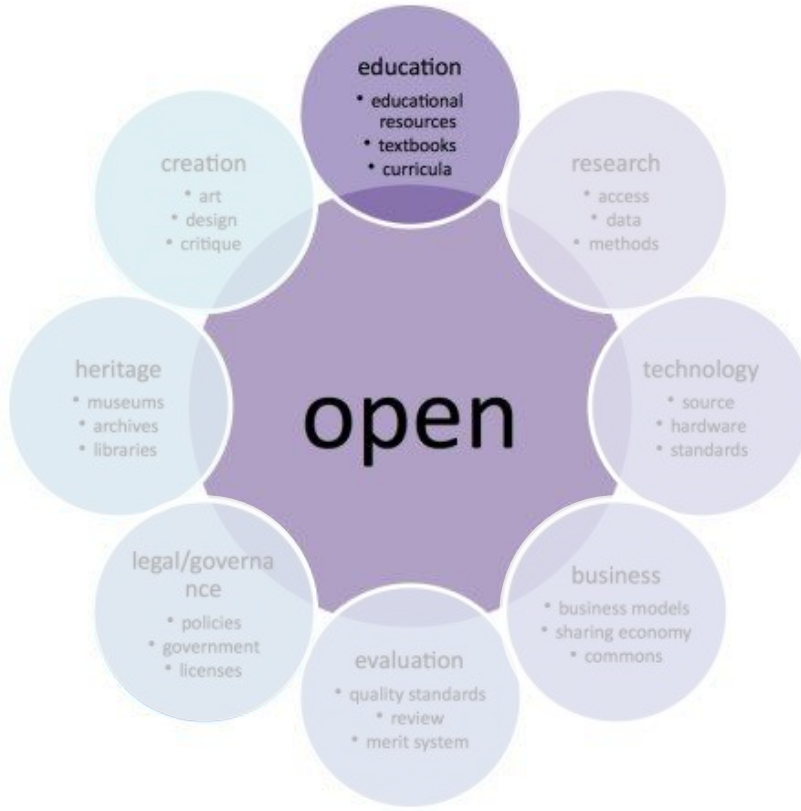
learning surgery

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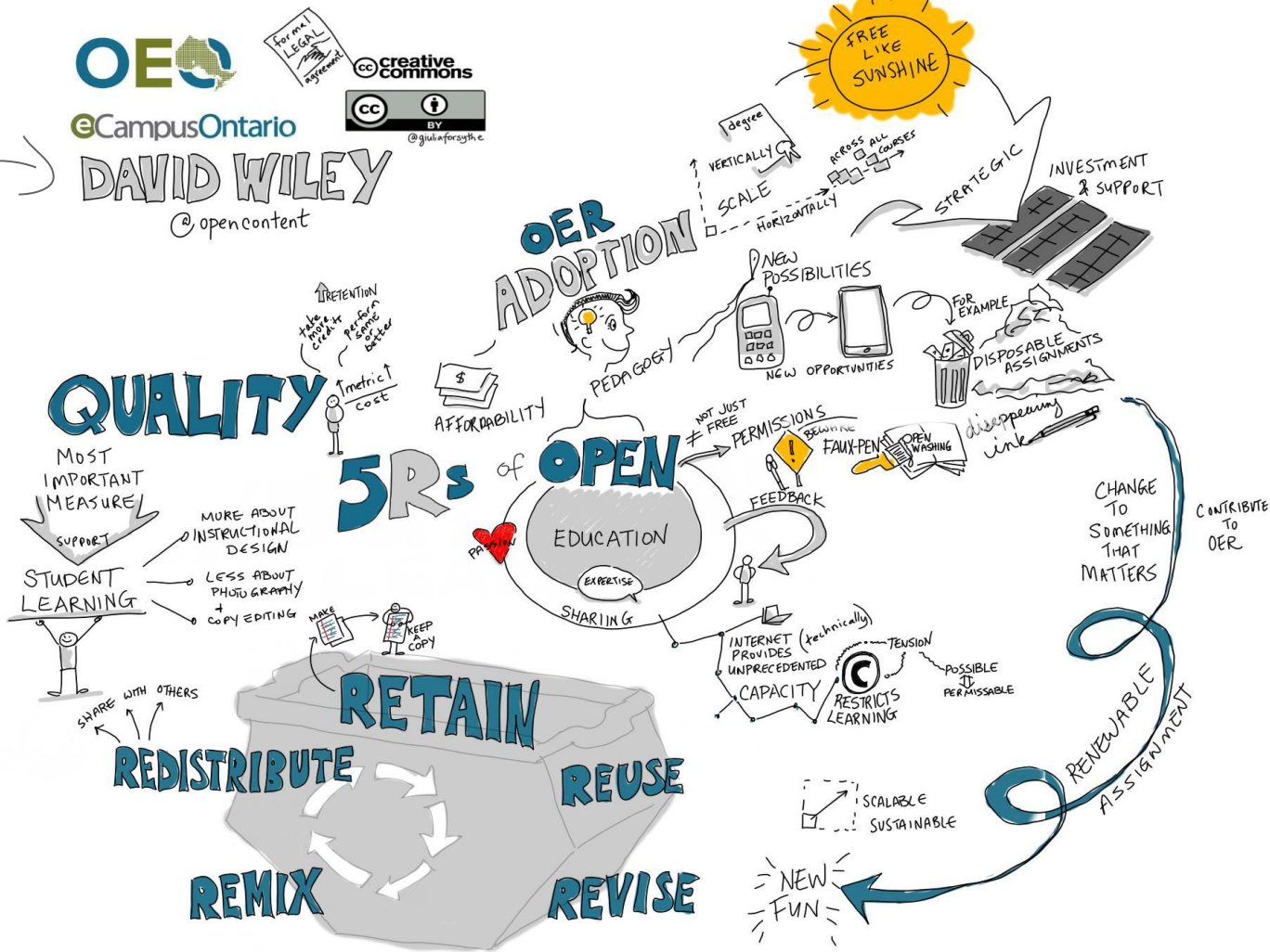


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### Description

Welcome to Surgery 101, a series of podcasts produced with the help of the University of Alberta in Edmonton, Canada. The podcasts are intended to serve as brief introductions or reviews of surgical topics for medical students. We've aimed to cover a single topic in between 10-20 minutes so that you can quickly get a good idea of the basic concepts involved. Every episode is divided into chapters and concludes with several key points to summarize the topic. We are always keen to receive your feedback on our podcasts, and we are accepting suggestions for additional topics. New episodes are published every Friday. 'Surgery 101' was created by Dr Parveen Boora and Dr Jonathan White, and is supported by the Department of Surgery at the University of Alberta. Our 2010 series of podcasts are brought to you by the Undergrad Surgery Mobile Podcasting Studio Team which is: Jonathan, Jenni and Tracy, with the assistance of the Surgery 101 Experts of Edmonton. Note to experts: please note that these podcasts are only intended as brief introductions for medical students - we cannot delve into the more complex nuances of advanced surgery in a 10-minute podcast. We encourage all listeners to supplement their learning by seeing patients, assisting at surgeries and reading widely!

▼	Name	Time	Released	Description	Popularity	Price
130	1. What is Surgery 101?	6 min	Sep 30, 2008	In this episode, Dr Jonathan Whit...		<a href="#">Free</a>
129	2. Appendicitis	10 min	Oct 6, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>
128	3. Hernias	10 min	Oct 6, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>
127	4. Gallstones	14 min	Oct 6, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>
126	5. Colorectal cancer	13 min	Oct 6, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>
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122	9. Acute Gastrointestinal Bleeding	13 min	Oct 24, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>
121	10. Thyroid masses	12 min	Oct 31, 2008	In this episode, Dr Parveen Boor...		<a href="#">Free</a>



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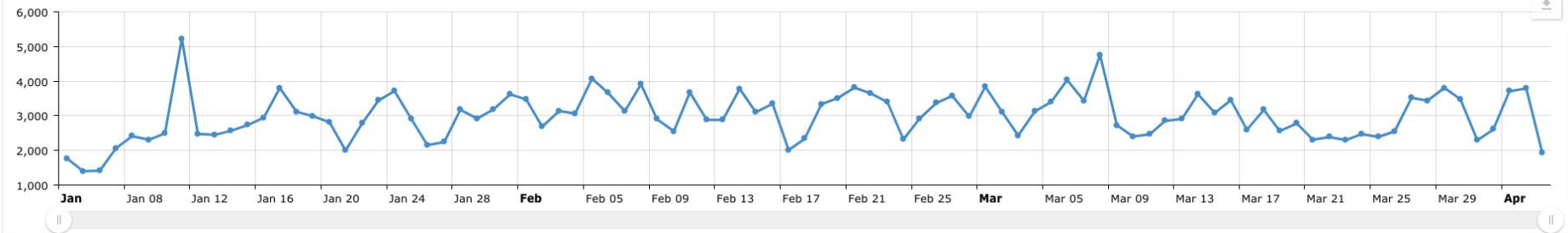


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**LEGO Surgery: Competency-Based Medical Education (CBME)**

3,160 views • 8 months ago

This video on CBME features a panel discussing the new way of teaching medicine that the Royal College is introducing in Canada for residency programs. The panel features Dr. McBurney, Dr. Payne, and Dr. Styles and is facilitated by MedEd enthusiast Olivia.

Find our headquarters at: <http://surgery101.org>

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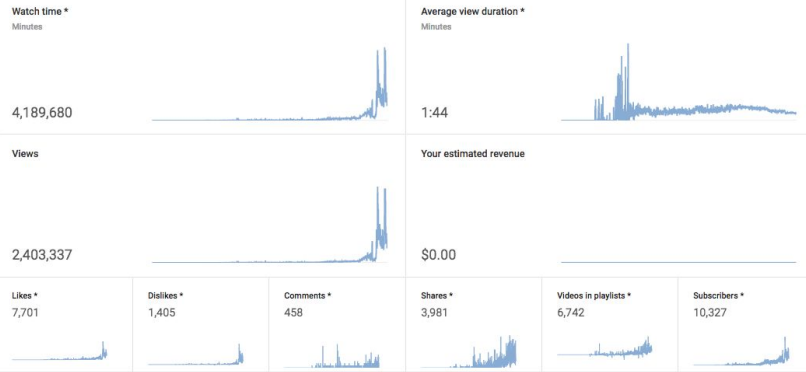
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**Surgery 101**  
Created Nov 19, 2011 • Videos: 100  
CHANNEL

Lifetime (Nov 19, 2011 – Apr 2, 2018)



Top 10 Videos

Video	Watch time (minutes)*	Views	Your estimated revenue	Your YouTube Red revenue
LEGO Surgery: Just Press Play (RIME)	2,257,977 54%	1,509,126 63%	\$0.00 0.0%	\$0.00 0.0%
Examination of the Scrotum	615,804 15%	339,815 14%	\$0.00 0.0%	\$0.00 0.0%
Dr Scalpel's Guide to Surgery: Sutures...	418,351 10%	137,177 5.7%	\$0.00 0.0%	\$0.00 0.0%
Cranial Nerve Exam	141,218 3.4%	53,717 2.2%	\$0.00 0.0%	\$0.00 0.0%
Ear Exam	60,242 1.4%	33,209 1.4%	\$0.00 0.0%	\$0.00 0.0%
Who You Gonna Call? General Surger...	50,160 1.2%	24,629 1.0%	\$0.00 0.0%	\$0.00 0.0%
Facial Examination	48,873 1.2%	16,108 0.7%	\$0.00 0.0%	\$0.00 0.0%
LEGO Surgery - Enhanced Recovery A...	45,364 1.1%	15,353 0.6%	\$0.00 0.0%	\$0.00 0.0%
Muppet Surgery: Patient Transfer	43,637 1.0%	36,438 1.5%	\$0.00 0.0%	\$0.00 0.0%
Nose Exam	37,493 0.9%	22,012 0.9%	\$0.00 0.0%	\$0.00 0.0%

Top geographies

Watch time

- United States (25%)
- India (10%)
- United Kingdom (5.1%)
- Canada (4.4%)
- Indonesia (3.7%)



Gender

Views

- Male (63%)
- Female (37%)



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### PRE-SPRINT WORKSHOP

What we did in the workshop we held before the writing sprint.



### SPRINT: AUTHOR PROCESS

Information we gave to case studies authors before the sprint, including an outline of the two days of the sprint.



### SPRINT: STUDENT PROCESS

Guide undergraduate students used during the sprint, including an outline of the two days of the sprint.



## Open Case Studies

Home **Case Studies** Guides ▾ Case Implementation Get Involved About ▾

## CASE STUDIES

All Basic Civil Engineering Conservation Digital Literacy Earth, Ocean, & Atmospheric Sciences Economics Education Forestry Land & Food Systems Law Political Science Social Justice Soil Science



### ECOLOGICAL AND SOCIAL COSTS OF SINGLE USE PLASTIC BAGS

Following the rise of the industrial revolution, single-use plastic bags have become a common household item and appear in nearly every restaurant and store as a convenient way for consumers to carry purchased goods...

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### ECOLOGICAL AND SOCIAL COSTS OF SINGLE USE COFFEE CUPS

A change in consumer behavior is increasing demand for coffee and single-use coffee cups, which has become a significant concern for our environment. Every year billions of single-use coffee cups are being used and thrown into the landfill,...

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### ENVIRONMENTAL, ECONOMIC AND SOCIAL BENEFITS AND DRAWBACKS OF BRITISH COLUMBIA'S RAW LOG EXPORTS

Located in a country that encompasses 9% of the world's forests, British Columbia is the westernmost of the 10 provinces in Canada. The province has some 60 million hectares of forest land,...

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### LOGGING VERSUS THE WELLS GRAY PROVINCIAL PARK AND ITS ICONIC HERD OF SOUTHERN MOUNTAIN CARIBOU IN BRITISH COLUMBIA, CANADA

Wells Gray Provincial Park is located in central-eastern British Columbia and is part of the southern mountain caribou's habitat...

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# Project Management for Instructional Designers

Wiley, et al.

## Example Assignments:

- Align each chapter with CAPM/PMP certification exam study requirements
- Create industry-specific examples (e.g. cost and time estimating)
- Capture industry-specific interviews to compliment each chapter
- Update/modernize a section of the book
- Create a glossary of key terms

## Additional skill based Assignments:

- Create text-to-speech audio recordings of each chapter
- Replace copyright images with CC licensed images
- Create an automated process for book conversion
- Proofreading and editing

CONTENTS	
PROJECT MANAGEMENT FOR INSTRUCTIONAL DESIGNERS	
FRONT MATTER	▼
CHAPTER 1	▼
CHAPTER 2	▼
CHAPTER 3	▼
CHAPTER 4	▼
CHAPTER 5	▼
CHAPTER 6	▼
CHAPTER 7	▼
CHAPTER 8	▼
8 Project Time Management	
8.1 Types of Schedules	
8.2 Elements of Time Management	
8.3 Critical Path and Float	
8.4 Managing the Schedule	
8.5 Project Scheduling Software	
CHAPTER 9	▼
CHAPTER 10	▼
CHAPTER 11	▼
CHAPTER 12	▼
BACK MATTER	▼

### 8.3 CRITICAL PATH AND FLOAT

Visit *Audio Recordings* for the audio version of this section.

#### LEARNING OBJECTIVE

1. Calculate critical path, project float, early start dates, and late start dates.

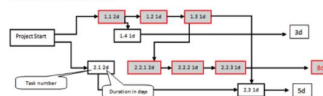
The **critical path** is the path through the network that results in the latest completion date of the project.



Image by Be the Change, Inc.

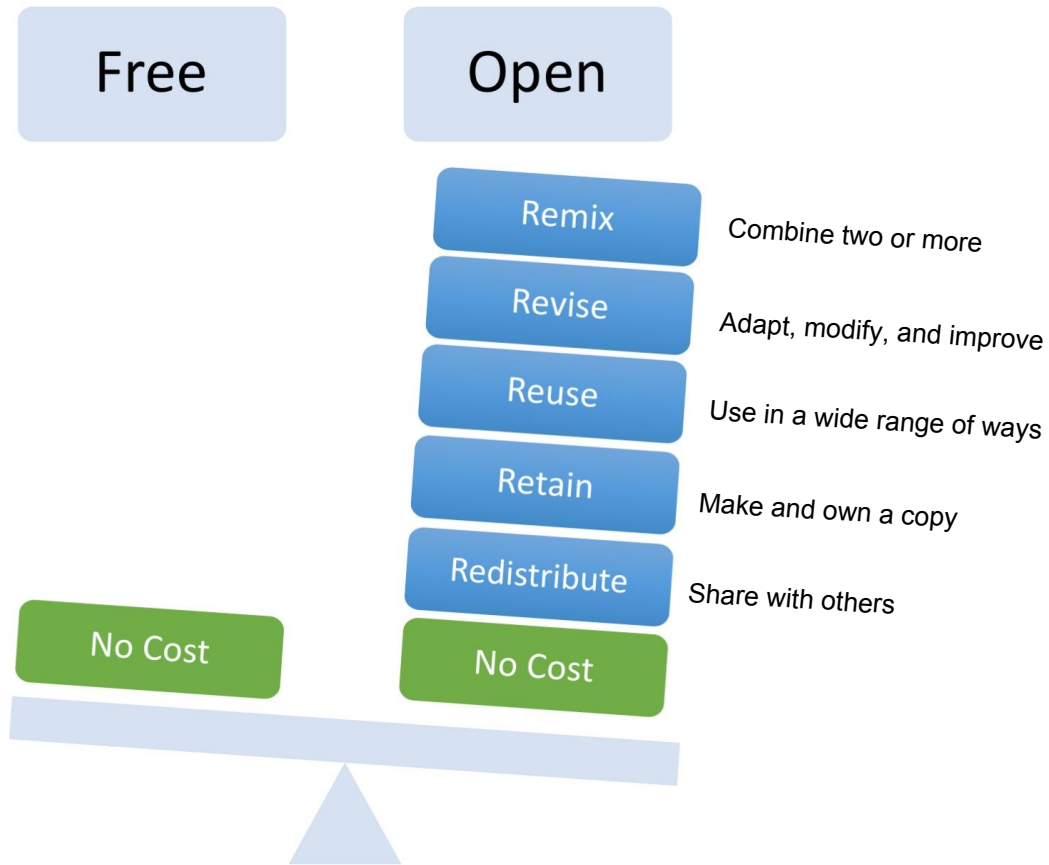
If any activity on the critical path is delayed, the completion of the project will be delayed by an equal amount. To determine the critical path, add the amount of time estimated for the duration of each activity to the previous activity, as shown in Figure 8.10. Durations are indicated in days and activities on the critical path are shaded. The critical path through these tasks takes at least eight days.

Figure 8.10 Critical Path



<https://opencontent.org/blog/archives/2629>





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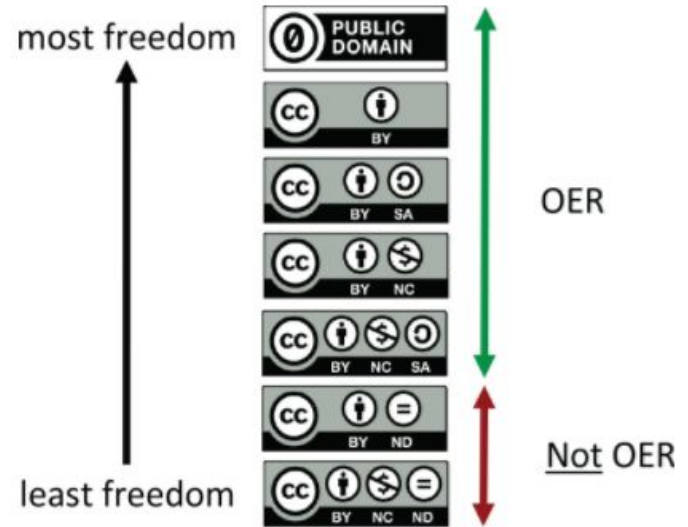
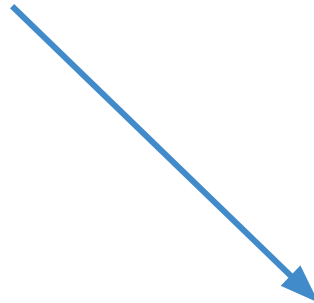


Fig. 9: CC licenses arranged from most to least permissive.

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