

Prompt 2: Cultivate an Accessible Commons of Knowledge & Resources



Our shared purpose is to...

- Fundamentally transform life sciences & democratize biotechnology
- to inspire creativity and improve lives
- by organizing life science change-makers and bio enthusiasts to [build an inclusive global network](#)
- **[cultivate an accessible commons of knowledge and resources](#)**
- [launch community labs and projects](#)
- [and enable local educators](#)

Table of Contents

[What kinds of knowledge and resources should be included?](#)

[What kinds of physical resources should be included?](#)

[How could we share these kinds of knowledge and resources and make them accessible?](#)

[How could we collect these kinds of knowledge and resources?](#)

[How could we store them?](#)

[How could we curate \(filter\) them?](#)

[What kinds of analogies for other types of accessible commons of knowledge and resources might be useful?](#)

[What new ideas do the following analogies suggest for how to do the things above?](#)

- [Libraries](#)
- [Encyclopedias](#)
- [Scientific communities](#)
- [Newspapers](#)
- [Human Genome DB](#)
- [Biological taxonomies of species](#)
- [Periodic table of the elements](#)

[We're starting a new Community Bio journal - what content should we *and should we not* publish?](#)

[What existing platforms are out there for our community to share information!](#)

[Create your own prompt!](#)

What is the best way to get the content/materials?

How do we publish works coming out of DIY Bio and make it accessible and still quality? How do you measure the quality of the work? Is there a peer review process??

How do you deal with dangerous ideas and information/materials?

What does commons of knowledge mean to you?

How do we respect/engage indigenous communities and be respectful of their knowledge and information sharing?

How do we acknowledge contributions to information collected etc? (reword)

What types of sharing is there does it all have to be open or can it be other models? What kind of economies of sharing are we interested in?

*** Look into ethics prompts around this....

• *What kinds of knowledge and resources should be included?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
Digital commons, types of data might be sensitive sometimes, Perhaps data should be harmonised in some way in terms of metadata.	+1 TimDobbs

Seeds	
Good people to call about a certain topic	+1 Frank
Associated info on materials on how to best utilise it (sometimes stuff works differently in different hands! And when you try to do things slightly differently, change reagent e.g. polymerase)	
Knowledge that can be understood by everyone, not include a lot of jargon, etc	+1
What specifically do we know about the material?! More important to know what you do not know with some questions	
What experiment did you do, and details as to how you did it. I'm attempting to create an online lab notebook accessible by all. Currently I found wiki.js to be the best solution	
low-cost, DIY methods accessible without needing a BSL-1 (SOPs?) Get people started in their kitchens and be excited, then having a BSL-1 community lab space to expand their interests	
what *didn't* work. Stuff journals don't publish.	+1

- What kinds of physical resources should be included?***

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
Reagents at standardized concentrations and activities	
OpenEnzymes, OpenReporters (Stuff FreeGenes already does)	
(right-click here → "Insert Row Above" to Add More Rows)	

- How could we share these kinds of knowledge and resources and make them accessible?***

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
Accessible Google drive type analogs (free for folks to add their own updates)	+1

(right-click here → “Insert Row Above” to Add More Rows)	

- *How could we collect these kinds of knowledge and resources?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
(right-click here → “Insert Row Above” to Add More Rows)	

- *How could we store them?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
(right-click here → “Insert Row Above” to Add More Rows)	

-

- *How could we curate (filter) them?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
...	
(right-click here → “Insert Row Above” to Add More Rows)	

- *What kinds of analogies for other types of accessible commons of knowledge and resources might be useful?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
(right-click here → “Insert Row Above” to Add More Rows)	

- *What new ideas do the following analogies suggest for how to do the things above?*

- Libraries
- Encyclopedias
- Scientific communities
- Newspapers
- Human Genome DB
- Biological taxonomies of species
- Periodic table of the elements
- *GLAM - Galleries Libraries Archives Museums*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
(right-click here → “Insert Row Above” to Add More Rows)	

- *We’re starting a new Community Bio journal - what content should we and should we not publish?*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
...	
(right-click here → “Insert Row Above” to Add More Rows)	

- *What existing platforms are out there for our community to share information!*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
Biofabforum - https://biofabforum.org/	
Biocoder (O’Reilly)	
Instructables	
Hackaday	
Scientific journals	
https://www.facebook.com/groups/diybio/	
Youtube	

DIYbio mailing list	
Open Enzymes Google Drive	
OpenWetWare	
(right-click here → “Insert Row Above” to Add More Rows)	

- *Create your own prompt!*

Contribution (optional: leave your name and email address)	Vote (+1 and name) if you like this contribution
...	
(right-click here → “Insert Row Above” to Add More Rows)	