



Knowledge Mobilization - The Basics

Key Considerations

Jayne Morrish



Plain Language Communication

Plain language communication



- “Plain language is communication that an audience can understand the first time they read or hear it. It is clear and concise, and uses short sentences and simple words. It keeps to the facts and is easy to read and understand. Plain language is simple and direct but not simplistic or patronizing” - Wicklund and Ramos, 2009, p. 178)
- Avoids unnecessary jargon
- Uses a language level appropriate for audience
- **“Sticks” with audience**
- Key for media engagement
- Making knowledge more universally understood



Why?



- Knowledge translation/mobilization
- Accessibility - for public and other academics
 - CBC - Say what? More jargon in a paper means fewer scientists will read it, study finds”. <https://www.cbc.ca/radio/asithappens/as-it-happens-tuesday-edition-1.5985611/say-what-more-jargon-in-a-paper-means-fewer-scientists-will-read-it-study-finds-1.5985613>
- Sharing implications of research / work
 - Impact beyond key scholarly community
 - Makes research accessible and understandable
- “Plain language communication helps to produce meaning in a variety of contexts and across sectors” - Garwood, 2014

How to start



- Think about your knowledge users
 - What is their “language”
 - What do they care about / what is their need
 - Do not waiver from this understanding

Strategies



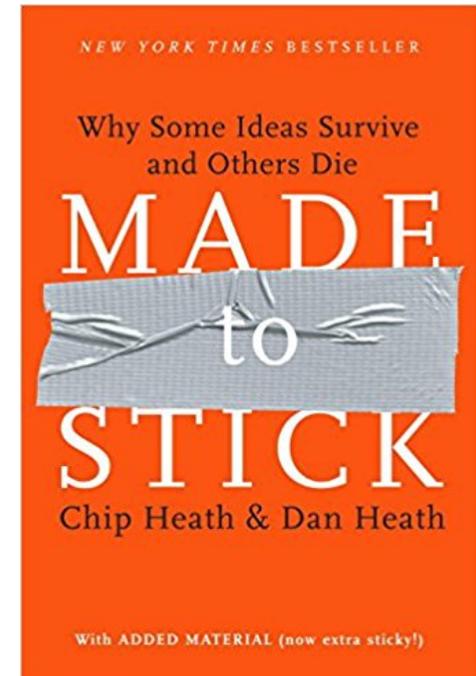
- Use plain language dictionaries
- Introductions are your friend – state your purpose & why this information is important
- Use a structure that makes sense
- Use relevant examples and/or anecdotes
- Short sentences & paragraphs
- Active voice
- Cut out jargon

Find your sticky side



SUCCESS Principals

- **Simplicity**
- **Unexpected**
- **Concrete**
- **Credible**
- **Emotional & Stories**



Heath, C., & Heath, D. (2007). *Made to stick: Why some ideas survive and others die*. Random House LLC.

Simple messaging

If you say three things, you don't say anything

- Chip Heath & Dan Heath, 2008



- Short and simple key messages
- What is your Single Most Important Thing (SMIT)?
- Distil the essence of your work

Unexpected

Made ya look!



- Grab people's attention
- Ask them questions they were not expecting
- Make them think about things in a new way

Concrete

Language is often abstract, but life is not



- Avoid the abstract
 - Tangible aspects need to be used
 - Abstract examples are not easily understood or remembered
- Make sure an idea can be grasped & understood immediately

151 ft Statue of Liberty (From toes to top of torch)

HOW BIG ARE THE BIGGEST WAVES EVER SURFED?

Ft
150

Now that a 100-foot wave has been surfed, the bar has been raised yet again for somebody to step up and set a new record. Until then, San Diego Surf School takes a look at some other feats of record height to get a better perspective on just how big the biggest waves ever surfed really were.

100 ft Biggest Wave Surfed (Current tow-in record)

Garrett McNamara | Jan 2013

78 ft Biggest Wave Surfed (Old tow-in record)

Garrett McNamara | Nov 2011

61 ft Biggest Wave Surfed (Current paddle-in record)

Shawn Dollar | May 2013

35 ft Highest Motorcycle Jump

Robbie Maddison | Jan 2009

23.5 ft Highest Skateboard Air

Danny Way | Jan 2004

23 ft Highest Snowboard Air on Superpipe

Shaun White | Jan 2010

8 ft Highest High Jump (Outdoor)

Javier Sotomayor | July 1993

100

50

0



Brought to you by



sandiegosurfschool.com | Designed by: Best Rank | Source: Guinness Book of World Records

Credible

The world is full of skeptics...



- People are conditioned to question messages
- Give an idea believability

Emotional - Stories

Stories are just data with a soul



- Make it real for people
- Make it relevant
- Empower people through narrative

BLAM!

So what's the bottom line here?



- Bottom Line Actionable Messages (BLAM)
- People need to know what to do
- Provide crystal clear direction

Simple writer



<http://xkcd.com/simplewriter/>

A fun tool that identifies if you have used a word that is not among the 10,000 most common words in the English language

Hemingway Editor

■ <https://hemingwayapp.com>



Bold Italic H1 H2 H3 Quote Bullets Numbers Link Write Edit

Hemingway Editor

Readability

Grade 6
Good

Words: 133
Show More ▾

2 adverbs, meeting the goal of 2 or fewer.

1 use of passive voice, meeting the goal of 2 or fewer.

1 phrase has a simpler alternative.

1 of 11 sentences is hard to read.

1 of 11 sentences is very hard to read.

Hemingway App makes your writing bold and clear.

The app highlights lengthy, complex sentences and common errors; if you see a yellow sentence, shorten or split it. If you see a red highlight, your sentence is so dense and complicated that your readers will get lost trying to follow its meandering, splitting logic — try editing this sentence to remove the red.

You can utilize a shorter word in place of a purple one. Mouse over them for hints.

Adverbs and weakening phrases are helpfully shown in blue. Get rid of them and pick words with force, perhaps.

Phrases in green have been marked to show passive voice.

You can format your text with the toolbar.

Paste in something you're working on and edit away. Or, click the Write button and compose something new.

Plain language resources



- Centres for Disease Control. (2010). *Simply put; a guide for creating easy-to-understand materials*. <https://stacks.cdc.gov/view/cdc/11938>
- Government of Canada. (n.d.). Language Portal of Canada. <https://www.noslangues-ourlanguages.gc.ca/en>
- Health Literacy Consulting—Helen Osborne. (n.d.). *Health Literacy Consulting*. Retrieved October 22, 2021, from <https://healthliteracy.com/>
- Heath, C., & Heath, D. (2007). *Made to stick: Why some ideas survive and others die*. Random House LLC.
- Hemingway Editor - <https://hemingwayapp.com>
- Plain Language Action and Information Network. (n.d.). Plainlanguage.gov. <https://www.plainlanguage.gov/>
- Munroe, R. (n.d.). Simple Writer. <http://xkcd.com/simplewriter/>
- Plain Language at AHRQ. (2021, March). *Agency for Healthcare Research and Quality, Rockville, MD*. from <https://www.ahrq.gov/policy/electronic/plain-writing/index.html>
- Warde, F., Papadakos, J., Papadakos, T., Rodin, D., Salhia, M., & Giuliani, M. (2018). Plain language communication as a priority competency for medical professionals in a globalized world. *Canadian medical education journal*, 9(2), e52.
- Wicklund, K., & Ramos, K. (2009). Plain language: effective communication in the health care setting. *Journal of Hospital Librarianship*, 9(2), 177-185.
- Online plain language dictionaries

General recommendations for plain language communication



- Always think of your audience - plain language is not based on one single, static set of strategies
 - Should be based in how your audience communicates
 - Successful only to the degree to which your audience understands it
- Remember your goal
- Don't say too much
- Don't over complicate it
 - You are not going to be there to explain it to the audience
 - “Sticky” SUCCESS principals
- Text is ok - just make in short and understandable
 - Get a colleague from a different area to review



Evaluation

Evaluation?



- *Evaluation is the rigorous collection of valuable, reliable & useful information about a program or project for the purposes of one or more of the following; programs & organizational improvement, oversight & compliance, assessment of worth, & knowledge development* - adapted from Mark, Henry and Julnes (2000)
- Are your KMb efforts doing what you set out to do?

Evaluation?



- Conceptually similar to testing validity in statistics
 - Degree to which it measures what it is supposed to measure
 - KMb evaluation - degree to which your efforts had the impact that you intended
- Often the first thing to be forgotten/ ignored, but it is vitally important
 - Tells you what to keep doing, stop doing & where your had impact
 - Helpful for report & grant writing





- reach indicators (*# distributed, # requested, # downloads/hits, media exposure*)
- usefulness indicators (*read/browsed, satisfied with, usefulness of, gained knowledge, changed views*)
- use indicators (*# intend to use, # adapting the information, # using to inform policy/advocacy/ enhance programs, training, education or research, # using to improve practice or performance*)
- partnership/collaboration indicators (*# products/ services developed or disseminated with partners, # or type of capacity building efforts, social network growth, influences, collaborativeness*)



- practice change indicators (*intent or commitment to change, observed change, reported change*)
- program or service indicators (*outcome data, documentation, feedback, process measures*)
- policy indicators (*documentation, feedback, process measures*)
- knowledge change (*quantitative & qualitative measures*)
- attitude change (*quantitative & qualitative measures*)
- systems change (*quantitative & qualitative measures*)

Evaluation resources



- Barwick, M.A. (2008, 2013, 2019). Knowledge Translation Planning Template. Ontario: The Hospital for Sick Children. <https://www.sickkids.ca/en/learning/continuing-professional-development/knowledge-translation-training/knowledge-translation-planning-template-form/>
- Bowen, S., and P.J. Martens. 2006. A model for collaborative evaluation of university-community partnerships. *J Epidemiol Community Health*. 60(10):902–7.
- Bowen, S., Martens, P., & Need to Know Team. (2005). Demystifying knowledge translation: learning from the community. *Journal of Health Services Research & Policy*, 10(4), 203-211.
- Davison, C. M. (2009). Knowledge translation: Implications for evaluation. *New directions for evaluation*, 2009 (124), 75-87.
- Innoweave. (n.d.). Developmental Evaluation self-assessment tool. <https://innoweave.ca/streams/developmental-evaluation/>

Evaluation resources



- Levin, B. (2008, May). Thinking about knowledge mobilization. In an invitational symposium sponsored by the Canadian Council on Learning and the Social Sciences and Humanities Research Council of Canada (pp. 15-18).
- National Collaborating Centre for Methods and Tools. (n.d.). Registry of Methods and Tools for Evidence-Informed Decision Making. <https://www.nccmt.ca/knowledge-repositories/registry>
- Ontario Agri-Food Innovation Alliance. (n.d.). KTT Plan Checklist. https://www.uoguelph.ca/alliance/system/files/KTT%20Plan%20Evaluation%20Tips_2019.pdf
- Ontario Centre of Excellence for Child and Youth Mental Health. (2013). Program Evaluation Toolkit. Ottawa, Ontario. <https://www.cymh.ca/Modules/ResourceHub/?id=6d1cdf70-8a99-4432-aba6-e19862da6857>
- Pencheon, D. (2008). The Good Indicators Guide: Understanding how to use and choose indicators. The NHS Institute for Innovation and Improvement. <https://webarchive.nationalarchives.gov.uk/20170106081109/http://www.apho.org.uk/resource/item.aspx?RID=44584>

Evaluation resources



- Phipps, D., Cummins, J., Pepler, D. J., Craig, W., & Cardinal, S. (2016). The co-produced pathway to impact describes knowledge mobilization processes. *Journal of Community Engagement and Scholarship*, 9(1), 5.
- Phipps, D.J., Johnny, M. and Poetz, A. (forthcoming) Demonstrating impact - considerations for collecting and communicating the evidence of impact. In *The Impactful Academic*. Ed. Wade Kelley. Emerald Publishing, Bingley, UK.
- Sudsawad, P. (2007). Knowledge translation: Introduction to models, strategies, and measures. Austin, TX: Southwest Educational Development Laboratory, National Center for the Dissemination of Disability Research. https://ktdrr.org/ktlibrary/articles_pubs/ktmodels/index.html
- Tamarack Institute. (n.d.). Evaluating Community Impact. <https://www.tamarackcommunity.ca/evaluatingcommunityimpact>
- University of Calgary Knowledge Exchange team. (n.d.). Knowledge Engagement Impact Assessment Toolkit. <https://research.ucalgary.ca/engage-research/knowledge-engagement/ke-toolkit>
- Worton, S., Loomis, C., Pancer, S., Nelson, G., & Peters, R. D. (2017). Evidence to impact: A community knowledge mobilisation evaluation framework. *Gateways: International Journal of Community Research and Engagement*, 10, 121-142. <https://epress.lib.uts.edu.au/journals/index.php/ijcre/article/view/5202/6046#>

Final points



- Use the term that you are most comfortable with
- Think of your “people”
- Engage, engage, engage
 - This will make the process easier, more authentic and more fun!
 - Lean into guidance from your audience
- Academic KMb is still KMb!
- Build your KMb/KT capacity
- It takes a village
- Have fun!



Your turn!

[https://jamboard.google.com/d/
1NR8UquKVCAaTz1w0L7Z600qv7DiOCQR7YjgDT36
NUEw/edit?usp=sharing](https://jamboard.google.com/d/1NR8UquKVCAaTz1w0L7Z600qv7DiOCQR7YjgDT36NUEw/edit?usp=sharing)

Any final knowledge mobilization/
translation questions before we end?

<https://www.menti.com/al1w9ahhizy>





Law, M. P., Muhl, C., McElhone, S., Smith, R. W., Patte, K. A., Khowaja, A., Hannell, S., James, L., Rowe, R. K., Orlando, E., Morrish, J., Mechelse, K., James, N., Mateus, L., & Magier, M. (2022). *Driving change in the health sector: An integrated approach*.

<https://ecampusontario.pressbooks.pub/drivingchangeinthehealthsectoranintegratedapproach>



Jayne Morrish

Knowledge Mobilization Officer, Lifespan
Institute

jmorrish@brocku.ca

Relevant references and resources



- ◆ Abresch, C., Grimm, B., Lyons, K., Maloney, S., & Tibbits, M. (2021). Who gets included in Collective Impact: A mixed methods study of 10 CI initiatives. *Community Development*, 1-15.
- ◆ Arnold, S. R., & Straus, S. E. (2005). Interventions to improve antibiotic prescribing practices in ambulatory care. *Cochrane database of systematic reviews*, (4).
- ◆ Attygalle, L. (2017). *The Context Experts*. Tamarack Institute. - <https://www.tamarackcommunity.ca/library/the-context-experts>
- ◆ Barwick, M., Phipps, D., Coriandoli, R., Johnny, M., & Myers, G. (2014). Knowledge translation and strategic communications: Unpacking differences and similarities for scholarly and research communications.
- ◆ Bennet, A., Bennet, D., Fafard, K., Fonda, M., Lomond, T., Messier, L., & Vaugeois, N. (2007). *Knowledge mobilization in the social sciences and humanities*. Frost, WV: Mqi Press.
- ◆ Bowen, S. J. & Graham, I. (2013). From knowledge translation to engaged scholarship: Promoting research relevance and utilization. *Archives of Physical Medicine and Rehabilitation*, S1, S3-8.
- ◆ Boyd, D. M., & Ellison, N. B. (2007). Social network sites: Definition, history, and scholarship. *Journal of computer-mediated Communication*, 13(1), 210-230.
- ◆ Chapman, S. J., Grossman, R. C., FitzPatrick, M. E. B., & Brady, R. R. W. (2019). Randomized controlled trial of plain English and visual abstracts for disseminating surgical research via social media. *Journal of British Surgery*, 106(12), 1611-1616.
- ◆ Cooper, A. (2014). The use of online strategies and social media for research dissemination in education. *Education Policy Analysis Archives/Archivos Analíticos de Políticas Educativas*, 22, 1-24.

Relevant references and resources



- ◆ Elsevier. (n.d.). *Graphical abstracts*. <https://www.elsevier.com/authors/tools-and-resources/visual-abstract>
- ◆ Evidence Exchange Network. [EENet]. (2012). *EENet Video* [Video]. Vimeo. <https://vimeo.com/45757954>
- ◆ Goldstein, C. M., Murray, E. J., Beard, J., Schnoes, A. M., & Wang, M. L. (2020). Science communication in the Age of Misinformation. *Annals of Behavioral Medicine*, 54(12), 985-990.
- ◆ Graham, I. D., & Tetroe, J. (2007). How to translate health research knowledge into effective healthcare action. *Healthc Q*, 10(3), 20-22.
- ◆ Graham, I. D., & Tetroe, J. (2007). How to translate health research knowledge into effective healthcare action. *Healthc Q*, 10(3), 20-22.
- ◆ Graham, I. D., Logan, J., Harrison, M. B., Straus, S. E., Tetroe, J., Caswell, W., & Robinson, N. (2006). Lost in knowledge translation: time for a map? *Journal of continuing education in the health professions*, 26(1), 13-24.
- ◆ Graham, I. D., Logan, J., Harrison, M. B., Straus, S. E., Tetroe, J., Caswell, W., & Robinson, N. (2006). Lost in knowledge translation: time for a map? *Journal of continuing education in the health professions*, 26(1), 13-24.
- ◆ Green, L. W. (2008). Making research relevant: if it is an evidence-based practice, where's the practice-based evidence? *Family practice*, 25(suppl_1), i20-i24. https://academic.oup.com/fampra/article/25/suppl_1/i20/542034

Relevant references and resources



- ♦ Green, L. W., Ottoson, J. M., Garcia, C., & Hiatt, R. A. (2009). Diffusion theory and knowledge dissemination, utilization, and integration in public health. *Annual review of public health, 30*.
- ♦ Green, L. W., Ottoson, J. M., Garcia, C., & Hiatt, R. A. (2009). Diffusion theory and knowledge dissemination, utilization, and integration in public health. *Annual review of public health, 30*. <https://www.annualreviews.org/doi/full/10.1146/annurev.publhealth.031308.100049>
- ♦ Gudi, S. K., Tiwari, K. K., & Panjwani, K. (2021). Plain-language summaries: An essential component to promote knowledge translation. *International Journal of Clinical Practice, 75*(6), e14140.
- ♦ Heath, C., & Heath, D. (2007). *Made to stick: Why some ideas survive and others die*. Random House LLC.
- ♦ Heiden, T. (2021, March 2). Understanding Behaviour for Successful Research Impact [Webinar]. CARA. <https://cara-acaar.ca/events/18182069?lang=fr>
- ♦ Ibrahim, A. M., Lillemoe, K. D., Klingensmith, M. E., & Dimick, J. B. (2017). Visual abstracts to disseminate research on social media: a prospective, case-control crossover study. *Annals of surgery, 266*(6), e46-e48.
- ♦ Kajner, T. (2015). Construction and Mediation of the “Other” in Community-Engaged Scholarship: The Importance of Not-Knowing. *Engaged Scholar Journal: Community-Engaged Research, Teaching, and Learning, 1*(1).
- ♦ Lankow, J., Ritchie, J., & Crooks, R. (2012). *Infographics: The power of visual storytelling*. John Wiley & Sons.

Relevant references and resources



- ◆ Lavis, J. N., Robertson, D., Woodside, J. M., McLeod, C. B., Abelson, J., & Knowledge Transfer Study Group (2003). How can research organizations more effectively transfer research knowledge to decision makers?. *The Milbank quarterly*, 81(2), 221–172.
- ◆ Lavis, J., Ross, S., McLeod, C., & Gildiner, A. (2003). Measuring the impact of health research. *Journal of Health Services Research & Policy*, 8(3), 165-170.
- ◆ Law, M. P., Muhl, C., McElhone, S., Smith, R. W., Patte, K. A., Khowaja, A., Hannell, S., James, L., Rowe, R. K., Orlando, E., Morrish, J., Mechelse, K., James, N., Mateus, L., & Magier, M. (2022). *Driving change in the health sector: An integrated approach*. <https://ecampusontario.pressbooks.pub/drivingchangeinthehealthsectoranintegratedapproach>
- ◆ Levin, B. (2008, May). Thinking about knowledge mobilization. In an invitational symposium sponsored by the Canadian Council on Learning and the Social Sciences and Humanities Research Council of Canada (pp. 15-18).
- ◆ Mc Sween-Cadieux, E., Chabot, C., Fillol, A., Saha, T., & Dagenais, C. (2021). Use of infographics as a health-related knowledge translation tool: protocol for a scoping review. *BMJ open*, 11(6), e046117.
- ◆ Phipps, D. (2013). A field note describing the development and dissemination of clear language research summaries for university-based knowledge mobilization. *Scholarly and Research Communication*, 4(1).
- ◆ Phipps, D., Jensen, K., Johnny, M., & Myers, G. (2013). A field note describing the development and dissemination of clear language research summaries for university-based knowledge mobilization. *Scholarly and Research Communication*, 4(1).

Relevant references and resources



- ◆ Provvidenza, C. F., Hartman, L. R., Carmichael, J., & Reed, N. (2019). Does a picture speak louder than words? The role of infographics as a concussion education strategy. *Journal of visual communication in medicine*, 42(3), 102-113.
- ◆ Reibling, S. (2012). *Knowledge mobilization 101* [Presentation]. Wilfrid Laurier University Office of Research Services. Retrieved from: <https://www.slideshare.net/sreibling/kmb-101-19oct12-reibling>
- ◆ Reibling, S. (2015). *Effective Use of Social Media For Knowledge Mobilization* [Presentation]. Knowledge Mobilization Institute Summer School 2015. <https://www.slideshare.net/sreibling/reibling-effective-use-of-social-media-for-knowledge-mobilization>
- ◆ Smiciklas, M. (2012). *The power of infographics: Using pictures to communicate and connect with your audiences*. Que Publishing.
- ◆ Straus, S. E., Tetroe, J., & Graham, I. (2009). Defining knowledge translation. *CMAJ*, 181(3-4), 165-168.
- ◆ Tetroe, J. (2007). Knowledge translation at the Canadian Institutes of Health Research: a primer. *Focus Technical Brief*, 18, 1-8.
- ◆ University of British Columbia Equity and Inclusion Office. (n.d.). *Equity & Inclusion Glossary of Terms*. <https://equity.ubc.ca/resources/equity-inclusion-glossary-of-terms>