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| --- | --- | --- | --- | --- | --- |
|  | **Nouns – Cluster 4: Cooking** | **Counter** | **DBpedia** | **ConceptNet** | **NELL** |
| **1** | Food | 20 | 0 clicks, 1 minute | 0 clicks, 1 minute | 0 clicks, 1 minute |
| **2** | Salt / Pepper | 9 | 1 click, 2 minutes | 1 click, 2 minutes | 3 clicks, 2 minutes |
| **3** | Oil / Fat | 12 | 1 click, 2 minutes | 1 click, 2 minutes | 0 clicks, 1 minute |
| **4** | Pan (size) | 21 | 0 clicks, 1 minute | 0 clicks, 1 minute | 0 clicks, 1 minute |
| **5** | Expiration date | 1 | x | x | x |
| **6** | (Amount of) heat | 12 | 0 clicks, 1 minute | 0 click, 1 minute | 3 clicks, 3 minutes |
| **7** | Burner | 1 | x | 1 click, 3 minutes | x |
| **8** | Stove / Oven | 9 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 2 minutes |
| **9** | Spoon | 3 | 0 clicks, 1 minute | 0 clicks, 1 minute | 0 clicks, 1 minute |
| **10** | Coating / Material | 1 | x | x | 3 clicks, 3 minutes |
| **11** | Pasta | 4 | 2 clicks, 3 minutes | 1 click, 2 minutes | 0 clicks, 1 minute |
| **12** | Potato | 1 | 2 clicks, 4 minutes | 1 click, 2 minutes | 3 clicks, 3 minutes |
| **13** | Knife | 3 | x | x | x |
| **14** | State (of the food) | 1 | x | 0 clicks, 1 minute | 2 clicks, 3 minutes |
| **15** | Ingredient | 11 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 3 minutes |
| **16** | Dish | 2 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 2 minutes |
| **17** | Edibility | 1 | x | x | x |
| **18** | Taste | 6 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 2 minutes |
| **19** | Amount | 4 | 2 clicks, 3 minutes | x | 3 clicks, 2 minutes |
| **Average clicks:** | n/a | n/a | 0.6 clicks | 0.4 clicks | 1.9 clicks |
| **Average time:** | n/a | n/a | 1.7 minutes | 1.4 minutes | 2 minutes |

**DBpedia**

1. <http://dbpedia.org/page/Cooking>

2. <http://dbpedia.org/page/Cooking>, <https://en.wikipedia.org/wiki/Cooking>

3. <http://dbpedia.org/page/Cooking>, <https://en.wikipedia.org/wiki/Cooking>

4. <http://dbpedia.org/page/Cooking>

5. x

6. <http://dbpedia.org/page/Cooking>

7. x

8. <http://dbpedia.org/page/Cooking>

9. <http://dbpedia.org/page/Cooking>

10. x

11. <http://dbpedia.org/page/Cooking>, <http://dbpedia.org/page/List_of_cooking_techniques>, <https://en.wikipedia.org/wiki/List_of_cooking_techniques>

12. <http://dbpedia.org/page/Category:Cooking>, <https://en.wikipedia.org/wiki/Category:Cooking?oldid=653796959>, <https://en.wikipedia.org/wiki/Cooking>

13. x

14. x

15. <http://dbpedia.org/page/Cooking>

16. <http://dbpedia.org/page/Cooking>

17. x

18. <http://dbpedia.org/page/Cooking>

19. <http://dbpedia.org/page/Cooking>, <http://dbpedia.org/page/List_of_cooking_techniques>, <https://en.wikipedia.org/wiki/List_of_cooking_techniques>

**Conceptnet**

1. <http://conceptnet.io/c/en/cooking>

2. <http://conceptnet.io/c/en/cooking>, <http://conceptnet.io/c/en/cooking?rel=/r/HasContext&limit=1000>

3. <http://conceptnet.io/c/en/cooking>, <http://conceptnet.io/c/en/cooking?rel=/r/HasContext&limit=1000>

4. <http://conceptnet.io/c/en/cooking>

5. x

6. <http://conceptnet.io/c/en/cooking>

7. <http://conceptnet.io/c/en/cooking>, <http://conceptnet.io/c/en/cooking?rel=/r/RelatedTo&limit=1000>

8. <http://conceptnet.io/c/en/cooking>

9. <http://conceptnet.io/c/en/cooking>

10. x

11. <http://conceptnet.io/c/en/cooking>, <http://conceptnet.io/c/en/cooking?rel=/r/HasContext&limit=1000>

12. <http://conceptnet.io/c/en/cooking>, <http://conceptnet.io/c/en/cooking?rel=/r/HasContext&limit=1000>

13. x

14. <http://conceptnet.io/c/en/cooking>

15. <http://conceptnet.io/c/en/cooking>

16. <http://conceptnet.io/c/en/cooking>

17. x

18. <http://conceptnet.io/c/en/cooking>

19. x

**NELL**

1. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

2. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

3. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

4. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

5. x

6. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

7. x

8. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

9. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

10. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/buildingmaterial:iron_cooking>, <https://www.google.com/search?q=%22iron+cooking%22>, <https://www.seriouseats.com/2014/11/the-truth-about-cast-iron.html>

11. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

12. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

13. x

14. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/magazine:what_s_cooking>, <https://www.google.com/search?q=%22What%27s+Cooking%22>

15. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

16. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

17. x

18. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>

19. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/hobby:cooking>, <https://www.google.com/search?q=%22Cooking%22>, <https://en.wikipedia.org/wiki/Cooking>