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'Word Sketch' in Academic Projects: Discipline-Specific Collocations

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http://www.reading.ac.uk/library/lib-home.aspx

Sketch Engine

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British Academic Written English Corpus (BAWEC)

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Word Sketch

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Concordance

Context:

- **Writing and Project Classes**

- **Students – 6.5, 7.0 and 7.5**

- **Returners**

- **Disciplines: Law, Medicine, Economy, Linguistics, Education and TEFL**

Task Rationale

Knowledge and awareness:	Abilities and skills:
• Generic, academic, cross-discipline, and discipline-specific collocations • Word classes • Word choice • Word order • Syntax	• Independence • Autonomy • Critical thinking • Computer literacy

Sketch Engine – 'Word Sketch'

1. Find **3 research articles** in your subject area

2. Identify **keywords**

3. Use the keywords in **Word Sketch** to form **collocations**

4. Check collocations in **Concordance** (context and syntax)

5. Identify the collocations in the **articles**

6. Use the collocations in **your essay**

user: defaults   **corpus:** British Academic Written English Corpus (BAWE)

Word Sketch Entry Form ⍰

Lemma:	transaction
Part of speech:	noun ⬍
	Advanced options

Show Word Sketch

transaction *(noun)*
British Academic Written English Corpus (BAWE) freq = 461 (55.3 per million)

modifier	222	1.6
online	36	10.59
fraudulent	7	9.74
cross-border	4	8.99
credit	11	8.81
card	11	8.79
conveyancing	2	8.19
non-fraudulent	2	8.15
secure	3	7.89
occasional	2	7.69
bride	2	7.58
electronic	3	7.41
mail	2	7.39
custom	2	6.66
monetary	2	6.58
past	2	6.25
commercial	2	6.13
business	11	6.13
cash	2	6.04
million	2	5.61
successful	2	5.57
financial	3	5.45
final	2	5.45
complex	2	5.4
true	2	5.4
individual	2	5.06

object_of	116	2.3
scrutinise	2	8.59
fulfill	2	8.48
speed	2	7.88
delay	2	7.82
process	6	7.8
handle	2	7.45
settle	2	7.4
complete	4	7.11
secure	2	6.91
account	2	6.01
conduct	3	5.94
carry	7	5.68
analyse	2	5.07
ensure	2	4.61
identify	2	4.06
make	9	3.82
require	2	3.17
provide	2	2.48

modifies	81	0.7
main-frame	2	9.56
cost	27	7.18
detail	3	5.93
security	3	5.82
operation	3	5.67
reduction	2	5.31
application	2	4.85
information	4	4.32
analysis	3	3.85
management	2	3.72
way	3	3.29
time	2	2.15

pp_obj_of-I	57	1.8
90%	2	8.47
record	2	5.97
proportion	2	5.97
detail	3	5.95
outcome	2	5.49
risk	2	4.35
nature	3	4.18
type	3	4.16
number	5	4.06
level	3	3.04
result	2	2.8

and/or	50	0.7
delivery	2	6.47
relation	2	4.03

subject_of	34	1.4
cost	4	7.53
raise	2	5.01
require	2	3.19
take	2	2.21

pp_obj_in-I	19	1.5
engage	2	6.55
exist	2	4.93
involve	2	3.91

adj subject of	17	3.3
available	3	5.39

pp_obj_for-I	15	2.8
use	2	1.27

pp_in-I	8	0.6
database	2	6.71

pp_over-I	6	12.6
period	2	3.56

pp_at-I	5	2.6
desk	2	8.64
stage	2	4.14

pp_obj_on-I	5	1.3
base	2	3.19

pp_obj_with-I	5	1.3
continue	2	4.99

part_out-R	5	21.8
carry	5	5.23

pp_obj_over-I	4	8.4
distance	2	5.32
control	2	3.6

pp_obj_into-I	3	2.6
enter	2	5.35

part_up-R	2	8.9
speed	2	8.63

Sketch Engine

user: defaults   **corpus:** British Academic Written English Corpus (BAWE)

Word sketch item **36** (4.3 per million)

BAWE-4.txt	design a new model to carry out *online* **transactions** in a most secure and user-friendly environment
BAWE-4.txt	design a single model to carry out *online* **transactions** in a most efficient manner. *</p>* 1.3 Objectives
BAWE-4.txt	trust between parties involved in *online* **transactions** over digital network. Also including Encryption
BAWE-4.txt	doing a telephone purchase or an *online* **transaction** . In an online transaction, no signatures
BAWE-4.txt	or an online transaction. In an *online* **transaction** , no signatures or card imprints are required
BAWE-4.txt	businesses of accepting fraudulent *online* **transactions** . * * Retailers are also warned about:
BAWE-5.txt	and every business (Robert, 1997). *Online* **transaction** is dominating the worldwide business. *</p>*
BAWE-5.txt	and challenge *<p>* Restrain: As the *online* **transaction** is rapidly increasing, e-security is becoming
BAWE-5.txt	vicious competition and regulate the *online* **transaction** , government and businesses must cooperate
BAWE-5.txt	The financial risk does exist in *online* **transaction** and it is a threat to individual privacy
BAWE-6.txt	navigation, usefulness, unique features, *online* **transactions** and site usage fee; Abelsal. (1999) develops
BAWE-6.txt	being the lack of social presence in *online* **transactions** hinders the development of loyalty, which
BAWE-6.txt	with cookies and user-registration. *Online* **transactions** require bookings which may delay transactions
BAWE-6.txt	little evidence of personalization or *online* **transactions** ; which are questionable due to a lack of
BAWE-6.txt	reservations and so lacks a true *online* **transaction** and little evidence to suggest security
BAWE-6.txt	previously indicated may not be a true *online* **transaction** and may delay the process, yet the boutique
BAWE-6.txt	users to make bookings before any *online* **transaction** , with little evidence of security measures
BAWE-6.txt	via information gathering cookies. *Online* **transactions** are indeed presented in true form, with
BAWE-6.txt	this is made. Even so the final *online* **transactions** offer users good levels of guidance and
BAWE-6.txt	consumers not only access, but engage in *online* **transactions** ; increasing the frequency and acceptance

Sketch Engine

user: defaults **corpus:** British Academic Written English Corpus (BAWE)

Word sketch item **6** (0.7 per million)

BAWE-3.txt practice - librarians will often *process* transactions faster when they see a queue building up

BAWE-4.txt typically pays a processing fee for each transaction *processed* , also known as discount rate

BAWE-4.txt large data center that *processes* credit card transactions and settles funds to merchants. The processor

BAWE-4.txt terminal to allow for *processing* offline transactions . This gives you the flexibility to process

BAWE-8.txt cluster that is constantly being updated as transactions are *processed* through the web site. This

BAWE-8.txt system, such as time taken to *process* a transaction , update a record, or the ease (in terms

TASK – main focus on:

- **Modifies**

- **Modifier**

- **Object of**

- **Subject of**

- **Prepositions**

Discipline	Keyword	Modifies	Modifier	Object of	Subject of
Principals and students	**1. satisfaction**	**satisfaction assessment**	**job satisfaction**	**enhance/ cause satisfaction**	**satisfaction comes**
	2. curriculum	**curriculum changes (n)**	**education curriculum**	**develop** their **curriculum**	**curriculum requires**
Solar Energy	**1. shortcoming**	It is a **shortcoming overall** that	There are some **fundamental shortcomings**	Through **noting** the **shortcomings**	However, their **shortcomings** still **prevail**
	2. collector	considering that a solar **collector system** is likely to cost	**solar collector**	**collectors conceded** to community concerns	**collectors absorb** solar radiation and transfers heat

Discipline	Keyword	Modifies	Modifier	Object of	Subject of
Law	**1. jurisdiction**	----------------	**criminal jurisdiction**	**Escape** the common law **jurisdiction**	can **invoke** its **jurisdiction**
	2. Tribunal	The **tribunal process**	**Ad hoc tribunal**	The **tribunal established by**	To be **heard** by the **tribunal**
Medicine	**1. anastomosis**	---------------	-----------------	---------------	An **anastomosis was** successfully **formed.**
	2. scar	less **scar formation** extensive **scar tissue formation**	No **obvious** scar.	May **reveal** scars **Revealed** a **transvers scar.**	Right neck **scar passing** from

Follow-up

5-Minute Presentation:

1. Useful collocations?

2. Used in the articles? Why yes/not?

3. Used in their essay?

4. Their experience…

LAW

Key words	In the table	In articles	In the essay
Court	Supreme court	The highest courtСлайд 10	Court trial Court system
Principle	General principle	General principleСлайд 10	Principle of confidentiality
Dispute	Dispute settlement	Dispute resolutionСлайд 11	Dispute settlement
Agreement	To make an agreement with	The making of the agreement Слайд 12	The making an agreement
Case	Particular case	Contract case The case	Certain cases legal cases
	Case law	Case lawСлайд 13	Legal cases

Concluding points:
Useful and Practical?

Yes	No
• Successful with Higher Levels • Challenging • Improves word choice • Helps identify useful collocations • Practise prepositions, tenses, passive and active voice • Raising awareness of various discipline-specific language • Develops critical thinking • Develops independence and autonomy • Enjoyable – exploring disciplines!	• Time consuming • Checking the meaning of words in a dictionary – double effort • Words not always available • Works with students who are motivated • Management of the task is a challenge

Hands on with 'Sketch Engine'

1. Identify 3 keywords used in this article.

2. Use the keywords in Word Sketch and fill in the table below.

3. Check the use of these collocations by looking at the Concordance examples.