

Using verb + noun collocations to facilitate language production in GSP courses¹

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Abstract

In this paper, the ARC (Awareness-raising, Recognizing, and Constructing) teaching method is outlined. This method is used in German for Specific Purposes (GSP) courses and aims at increasing second language (L2) learners' (technical) vocabulary, specifically verb + noun collocations. These combinations of verbs and nouns constitute useful building blocks that facilitate language production. The ARC teaching method is based on a combination of awareness-raising activities and production exercises that help learners entrench the collocations in memory. A description is provided of the three phases of the ARC teaching method: Awareness-raising, Recognizing verb + noun collocations in authentic texts, and Constructing sentences. In addition to that, the role of the teacher and the autonomous learning aspect are discussed and some ideas for future research are presented.

Introduction

When asked to formulate their learning needs, second language (L2) learners often mention their lack of both grammar and vocabulary knowledge. Learning vocabulary is a central aspect of language learning. The problem is that L2 learners generally “see the collecting of new single words as the hallmark of good vocabulary development” (Henriksen, 2013, p. 41). Their “analytical mode of processing” (Boers, 2009, p. 27) makes them focus their attention on single words, and prevents them from noticing word combinations such as collocations.

Collocations can be defined as “frequently recurring two-to-three word syntagmatic units which can include both lexical and grammatical words, e.g. verb + noun (*pay tribute*), adjective + noun (*hot spice*), preposition + noun (*on guard*) and adjective + preposition (*immune to*)” (Henriksen, 2013, p. 30). Learning collocations has advantages over learning single words, “because they [i.e. collocations] serve a number of communicative functions: they are ubiquitous in language; they allow more fluency in language output, and their use makes FL learners come across as more proficient” (Peters, 2014, p. 79). It is important to implement learning collocations in language courses because research shows that “even high-level learners seem to experience problems in relation to using and developing L2 collocational knowledge” (Henriksen, 2013, p. 30).

Recent studies indicate that learning collocations through an explicit instructional approach can improve the learner's language proficiency (AlHassan & Wood, 2015; Eyckmans, 2009; Rahimi & Momeni, 2012) and that learners have positive opinions toward the teaching of collocations (Dorkchandra, 2015). It is with this in mind that I have developed the ARC (Awareness-raising, Recognizing, and Constructing) teaching method to enhance language learners' collocational knowledge, bridging at the same time the gap between learning single words and sentence production. The ARC teaching method is based on a combination of awareness-raising activities and production

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exercises that enable learners to entrench the collocations in memory. It centres on a subcategory of collocations: verb + noun collocations. The reason to specifically focus on verb + noun collocations is that these combinations tend to form the communicative core of utterances where the most important information is placed (Altenberg, as cited in Gyllstad, 2007). For L2 learners they constitute useful building blocks, making them a starting point from which sentences can be constructed. For example, if an intermediate L2 learner of German knows the combination

eine Entscheidung	treffen
a decision	to make

he will probably be able to construct sentences like

Haben Sie	schon	eine	Entscheidung	getroffen?
Have you	already	a	decision	made?

'Have you already made a decision?'

or

Wir	müssen	eine	Entscheidung	treffen.
We	have to	a	decision	make.

'We have to make a decision.'

I have used the ARC teaching method in tailor-made German for Specific Purposes (GSP) courses. These courses are organized by the Radboud University's language centre (Radboud in'to Languages) in Nijmegen, The Netherlands. Most of the GSP courses are 3-5 days intensive training programs, in which I teach learners individually or in small groups of up to 8 participants. During these 3-5 days, the L2 learners are immersed in the target language, in this case German. They are encouraged to speak and write German the entire day. The participants are adult language learners with L1 Dutch working in different professional areas, such as higher education, health care, business, and public service. Emphasis is on speaking in professional contexts, such as meetings, presentations, negotiations and small talk conversations. The majority of the participants have an intermediate German language proficiency level (B1-B2). Learners are usually highly motivated and determined to improve their language skills, since they have to communicate with German counterparts on a regular basis. They feel the need to improve their language skills, especially speaking, in order to be able to communicate more self-confidently.

Before each GSP course an assessment is planned, in which I discuss the learning goals with the participants and assess their language proficiency. When I ask them to formulate their learning needs, participants often mention their uncertainty in conversations with German native speakers, as a result of their lack of vocabulary knowledge (especially technical terms used in their specific discipline).

It would be almost impossible to provide German-Dutch vocabulary sets for every learner in every professional field. More importantly, there is little reason to believe that this would be useful for all learners, since every individual learner has his own vocabulary deficit. Therefore, instead of providing vocabulary sets, I have designed a more sustainable approach that helps learners develop strategies to cope with technical vocabulary. In the ARC teaching method, learners are stimulated to discover and collect (technical) verb + noun collocations in their own authentic texts and to formulate sentences with these collocations.

Teaching method

The ARC teaching method outlined in this paper provides L2 learners with their own set of (technical) collocations, which can be used to produce sentences more fluently in different professional contexts. The ARC teaching method comprises three phases, through which the teacher guides the L2 learner:

- Awareness-raising
- Recognizing verb + noun collocations in authentic texts
- Constructing sentences

These three phases are described in more detail below.

Before the teaching method starts, it is important to inform learners about the purpose of the method. The teacher can explain that the teaching method aims at enhancing the learners' vocabulary knowledge, particularly (technical) terms. However, instead of merely focussing on single words, word combinations like *eine Entscheidung + treffen* ('to make + a decision') are learned. The fact that the words are combined with verbs makes it easier to formulate sentences. By collecting word combinations from authentic texts, learners can build a sizable repertoire of (technical) collocations which are actually used in their professional contexts.

Most L2 learners are not familiar with the word 'collocations'. To avoid this rather technical term, Lewis (1997) recommends to use a more comprehensible term like "word partnerships" (p. 257). To increase the learners' motivation, the teacher can provide them with a specific learning goal. For example, after the exercise, learners will be able to express themselves more fluently in a product presentation or a meeting. The teacher can point out that the collected word partnerships constitute useful building blocks that facilitate language production in this specific communicative situation.

Having explained the purpose of the teaching method, the teacher can start with the first phase.

Awareness-raising

To make language learners familiar with the concept of verb + noun collocations (or word partnerships), it is recommended to use awareness-raising exercises² (AlHassan & Wood, 2015; Dorkchandra, 2015; Lewis, 1997; Lewis, 2000; Targonska, 2014). Without already mentioning the words 'noun' and 'verb', L2 learners can be asked to combine words in a matching exercise like the following (based on exercise 5 in Lewis, 2000, p. 109):

Welche Wörter kann man miteinander kombinieren?
(‘Which words can be combined?’)

- | | |
|-----------------|----------------|
| 1. Entscheidung | a. stellen |
| 2. Frage | b. vereinbaren |
| 3. Termin | c. erhalten |
| 4. Angebot | d. treffen |

² Lewis (2000) provides examples of activities and exercises which teachers can use to introduce collocations to their learners. The purpose of these exercises is “to make learners more aware of collocation as a powerful way of improving their ability to write precisely and well” (p. 88).

By using this awareness-raising exercise, the teacher can avoid the explicit use of the rather technical terms 'noun' and 'verb'. Most language learners instinctively feel that there is a relation between the words *Entscheidung* + *treffen* (to make a decision), *Frage* + *stellen* (to ask a question), *Termin* + *vereinbaren* (to make an appointment) and *Angebot* + *erhalten* (to receive an offer).

Another more challenging matching exercise that can be used to raise the learners' awareness of verb + noun combinations (based on exercise type 2 in Lewis, 1997, p. 261) is:

Welche Wörter aus dieser Liste kann man mit den 4 Wörtern kombinieren?
(Which words from this list can be combined with the 4 words?)

ablehnen
annehmen
beantworten
haben
erhalten
fällen
festlegen
machen
respektieren
stellen
treffen
vereinbaren

Entscheidung	Frage	Termin	Angebot

The verb list can be prepared in advance by the teacher. In some cases, multiple combinations are possible. For example the verb *machen* ('to make') can be combined with *Termin* ('appointment') and *Angebot* ('offer'). The teacher can help the learners to reflect on these possibilities to raise their awareness of strong and weaker word combinations (Lewis, 1997). To find the strong verb + noun combinations in this exercise, learners can look up the four nouns in the online *Kollokationenwörterbuch*³ ('collocation dictionary'). Verbs that are in the so-called 'core area' and build typical collocations with the nouns are indicated by the abbreviation 'ty'. By looking up the words in the collocation dictionary, learners will find that *einen Termin machen* ('to make an appointment') is a strong, typical collocation (core area), whereas *ein Angebot machen* ('to make an offer') is a weaker, although still common collocation.

If learners find it difficult to understand why these nouns and verbs go together, it might be useful to refer to their L1. For some learners it is easier to understand the partnership between the two words in their native language. Referring to the learners' L1 also has the advantage of making them aware of differences between the L1 and L2 (Laufer & Girsai, 2008; Yamashita & Jiang, 2010). Some collocations are congruent, which means they have an equivalent first language (L1) construction. For example the Dutch collocation *vraag* + *stellen* (ask a question) is equivalent to the German collocation *Frage* + *stellen*. On the contrary, non-congruent collocations do not have an equivalent in the learner's

³ <http://www.kollokationenwoerterbuch.ch/web/>

L1. The Dutch collocation *beslissing* + *nemen* translated into German is *Entscheidung* + *treffen* and not *Entscheidung* + *nehmen* as Dutch L2 learners might expect. Since these non-congruent collocations are “far more difficult for the learner than the congruent ones” (Nesselhauf, 2003, p. 236), it could be useful for learners to already become aware of L1-L2 collocational differences.

Recognizing verb + noun collocations in authentic texts

After finishing the awareness-raising exercise, the teacher can move on to the next phase: assisting learners to recognize (notice) verb + noun collocations in their own (specialist) texts. As Henriksen (2013) points out, “[t]echnical and special purpose contexts and language materials are classic examples of input rich in specialized vocabulary” (pp. 47-48). Using authentic texts can also have a motivating effect on learners (Lewis, 2000). Dorkchandra (2015) argues that “in teaching collocation noticing, authentic texts from various newspapers [...] should be used because they are appealing to students and contain various collocational patterns” (p. 9). Specialist texts are of course different from newspaper articles. However, the fact that they are rich in much needed specialized vocabulary does indeed have a motivating effect on the L2 learners. Before the GSP course starts, learners are explicitly asked to provide their own specialist texts, e.g. articles, reports or brochures. If learners cannot supply such texts, the teacher can also search for authentic, relevant text sources on the internet, e.g. scientific websites, company websites or Wikipedia articles.

Because L2 learners tend to focus on single words, they usually do not recognize possible relations between words such as verb + noun collocations. This is the main reason why learners “fail to notice them in the input” (Henriksen, 2013, p. 41). Therefore, according to Lewis (2000) an important teacher skill is “guiding the learners' attention so that they notice those items likely to be of most benefit in expanding those particular learners' lexicons” (p. 186). Peters (2012) also emphasizes the importance of recognizing (noticing) collocations in language input. In a small-scale study, she uses typographic salience (bold typeface and underlined) in texts to direct learners' attention to collocations. Her findings indicate that “typographic salience facilitates FL learners' noticing and learning of unknown lexical items and of FS [i.e. collocations] in particular” (p. 65).

To ensure that L2 learners will recognize verb + noun collocations in their texts, Peters' (2012) noticing technique is used in the second phase of the ARC teaching method. To guide the learner's attention, the teacher makes the collocations visible in the first part of the learner's text by underlining them and using bold typeface. In this way, the learner's attention is automatically drawn to the verb + noun combinations in the text:

Um gute **Entscheidungen treffen** zu können, muss man aber auch die damit verbundenen **Risiken** richtig **einschätzen** können.⁴

'In order to make good decisions, however, one must also be able to correctly assess the risks involved.'

Visually enhancing the collocations makes it easier for learners to notice and collect the verbs and nouns that go together. Some learners immediately grasp the concept of verb + noun collocations and start looking for them in the rest of their text. Other learners have more trouble recognizing the word combinations without the help of visual salience. The teacher can help them to find collocations in the rest of the text by asking questions like: 'Which word in this sentence could be combined with *Entscheidung* ('decision')?'

⁴ Max-Planck-Institut für Bildungsforschung [Brochure], p. 4

Having collected a number of verb + noun collocations in their own texts, L2 learners can make a list of (technical) collocations. It might be useful to add the equivalent L1 translation, fostering the learners' knowledge of (non-)congruent L1-L2 collocations. There are different ways of making collocation lists. One option is to create a set of collocations in the online tool Quizlet⁵. This learning tool provides features such as listening to pronunciation, sharing vocabulary sets and even quiz formats, making it especially useful for vocabulary and collocation learning.

Constructing sentences

The third and final phase of the ARC teaching method comprises the construction of sentences. In this constructing phase, the learner's set of (technical) collocations is used to build sentences. It is not necessary to construct sentences with all the collocations at once. Learners may start with the more comprehensible verb + noun collocations from their own list. The teacher lets the learners write sentences and gives feedback. After that, other, perhaps more challenging word combinations can be used to build sentences. This writing exercise is to be repeated several times, making it possible for learners to discover the semantic and syntactic features of the verb + noun collocations. Constructing different sentences with the same collocation may also have a positive effect on recalling the word combination.

This constructional phase is of crucial importance for learning the collocations, because it enables learners to entrench the collocations in memory. Previous research indicates that using collocations in language production has a positive learning effect. According to Webb & Kagimoto (2009), “productive tasks may be effective for gaining knowledge of collocation and meaning” (p. 73). And in her study Peters (2012) found that “when FL learners receive a task-induced incentive to really use a word, and thus process the target items' lexical information elaborately, vocabulary learning is facilitated” (p. 77). It seems that by using a specific (technical) collocation, learners process the semantic and syntactic features of that word combination. Peters (2012) suggests that this process has “a positive effect on their recalling that particular item” (p. 77). This positive effect of using productive exercises can also be observed in the GSP courses. Building sentences with the verb + noun collocations can be difficult for L2 learners, but in my experience it is also a highly motivating and rewarding exercise. By formulating new sentences, they bridge the gap between learning single words and sentence production, enabling them to use and learn their (technical) collocations. In addition to that, participants in the GSP courses indicate that having used the combinations in the sentence production task makes it easier to recall them. During role-play exercises (oral production tasks) in which realistic professional contexts are simulated, participants do in fact use the verb + noun collocations to construct sentences. Because this enables them to produce sentences more fluently and to experience the positive effect on their speaking skills, they are motivated to collect more collocations.

To further entrench the collocations in the learner's memory, it is recommended to reuse the collocations in different communicative situations. For example, if the learner has constructed sentences with verb + noun collocations to be used in a presentation, these same collocations can be applied in other communicative contexts such as negotiations, discussions or meetings. In this way, the learner's

⁵ Quizlet (<https://quizlet.com>) is an online learning tool. Language learners can use it to make vocabulary sets and learn words with flashcards, spelling exercises and learning games. The tool also makes it possible to collaborate with other learners, sharing vocabulary sets or working on sets together.

verb + noun collocations can function as building blocks or “frames to which L2 learners might resort” (AlHassan & Wood, 2015, p. 51).

The teacher's role

In the ARC teaching method, the teacher plays a crucial role. Without the guidance of a teacher, L2 learners will probably not notice verb + noun collocations, because they tend to focus on single words. The teacher's role is to make clear why it is important to learn collocations instead of single words (collocations facilitate language production), to explain the goal of the teaching method (collocations are building blocks to speak or write more fluently) and to guide the learner through the three phases of the ARC teaching method (Awareness-raising, Recognizing, and Constructing).

In order to be able to assist the L2 learner, it is paramount that the teacher has sufficient knowledge of collocations and collocation learning. Unfortunately, like L2 learners, many teachers “tend to focus on individual words [...] and often lack useful materials for raising learners' awareness of collocations” (Henriksen, 2013, p. 41). Therefore, teachers will first have to invest in their knowledge of collocations and teaching methods like the one outlined in this paper.

The teacher's role is also to encourage learners to find useful collocations in their texts. Having found a set of collocations, teachers can assist learners to formulate correct sentences. By giving positive, constructive feedback, they can help learners to discover the semantic and syntactic features of specific verb + noun collocations. During the process of awareness-raising, recognizing and constructing, teachers can ask questions such as: ‘Which word in the sentence can be combined with X?’, ‘Do you know another word for X?’, ‘Maybe you could try to use the word X?’ or ‘Does the meaning of the sentence change when you use X?’

The teacher can also point out similarities and differences between verb + noun collocations in the L1 and L2. Making L2 learners aware of congruent word combinations in their L1 could facilitate the learning process. On the other hand, raising their awareness of non-congruent collocations might help them to avoid L1-induced collocational errors.

Autonomous learning

The teaching method described above is mostly used in short, 3-5 days intensive GSP courses. However, explaining the purpose of the teaching method, making learners aware of collocations, recognizing them in texts and producing sentences are time-consuming tasks. Therefore, the learners are specifically encouraged to not only use the method during the intensive course, but also afterwards. Since the ARC teaching method can in principle be used with any text source, it should theoretically be possible to continue using the method autonomously after the course. This teaching method can foster autonomous learning, since learners who are acquainted with the method should be able to find (technical) collocations in texts without the aid of a teacher. This idea is supported by Dorkchandra (2015), who investigated the effects of instruction of noticing collocation on Thai EFL learners. He found that “instruction of noticing collocation improves the students' [...] collocational knowledge” (p. 8). Participants had “positive opinions [...] toward the instruction of noticing collocation” (p. 8) and more importantly, they stated that they “would practice what they had learned in the subsequent English encounter” (p. 8). Of course the question remains whether learners will in fact (be able to) autonomously collect and learn collocations. According to Boers & Lindstromberg (2009) “it is rather difficult for learners to identify authentic chunks without expert help” (p. 20). In addition to that, they believe “there are reasons to doubt that students will apply outside the classroom the noticing strategies [...] which they have been trained to apply in the classroom” (p. 48). One of the problems is that when reading a

text or listening to a conversation, L2 learners tend to “pay much more attention to the meaning of a message than to its exact wording” (p. 49). The question is whether L2 learners are able to autonomously recognize verb + noun collocations in their texts without the help of a teacher or visual salience of collocations in the input. The ARC method might provide a solution to this problem, since in the recognizing phase learners are able to find verb + noun collocations in their texts without the help of a teacher. This indicates that even after a relatively short teaching period they can recognize and collect collocations autonomously.

Whether or not learners use the method after the training period also depends on learner motivation and time availability. Most participants in the GSP courses are motivated to continue to improve their language proficiency, but many of them indicate that they are extremely busy and lack time to do exercises or to learn vocabulary. This is why it is so important for learners to recognize the benefits of the ARC teaching method by going through the three phases, expanding their technical vocabulary and improving their speaking skills. Once learners have experienced the positive effect of finding collocations and using them to formulate sentences more fluently, they will probably be more motivated to invest time in this effort despite of their busy schedules.

Discussion and conclusions

The ARC teaching method described in this article uses verb + noun collocations to facilitate language production in GSP courses. The participants' reaction to the teaching method is generally positive and they succeed in improving their collocation knowledge and language production. During the GSP courses I have observed how participants were able to recognize verb + noun collocations in their own texts and to learn them by producing sentences. I have also noticed how quickly they managed to familiarise themselves with the method. Furthermore, I could see how they used the verb + noun collocations as building blocks in realistic professional contexts (e.g. a presentation or meeting) and how this helped them to speak more fluently.

Although in my experience language learners in the GSP course benefit from the teaching method and have a positive attitude toward it, the question is whether these subjective findings are supported by scientific research. Although there is a growing body of evidence suggesting that awareness-raising exercises and productive tasks have a positive effect on collocation learning and language production, the effectiveness of this particular teaching method still has to be investigated.

There are many questions still to be answered with regard to the ARC teaching method that I have developed. In the GSP courses I have observed a short-term positive effect on collocation knowledge and language production. But what are the long-term effects of learning collocations using the method outlined in this paper? Does the productive phase indeed enable learners to entrench the collocations in (long-term) memory, as is suggested by Peters (2012) and Webb & Kagimoto (2009)? And what happens when the teacher is no longer there to guide the learners? Whether this method enables language learners to autonomously build a sizable repertoire of (technical) verb + noun collocations is still unclear. Another issue is the importance of learner motivation and teacher commitment. To what extent does the fact that GSP courses are intensive courses, with highly motivated language learners and committed teachers influence the effectiveness of the method? Could less motivated learners in group courses also benefit from this teaching method? Or do they need a different approach? How important is the role of the teacher in the learning process?

Future research

The ARC teaching method has not been subjected to research yet. In order to assess the method's effectiveness, I intend to apply the ARC teaching method in a thirteen-week intermediate German course for (mainly Dutch) university students. This might shed light on the effectiveness of the teaching method in a general German language course. Given the ever increasing importance of computer-assisted (online) learning, I also want to explore the possibility of using the method in a CALL (Computer-Assisted Language Learning) environment. Are there any differences in effectiveness between using the method in a face-to-face language course and in a fully online course? Finally, it might be interesting to investigate the effectiveness of the method in lower-proficiency language courses. In the case of beginner-level L2 learners, it could be more difficult to select appropriate texts and to have them formulate sentences, which might reduce the effectiveness of the teaching method.

Future studies may provide answers to these questions and indicate whether the teaching method is indeed effective, and for which course format and language level it is most effective.

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