Every day, people do things in order to gain access to things that they like. An individual goes to work to earn a paycheck. A student studies for a test to make a good grade. A child eats vegetables in order to have dessert. Most individuals are able to effectively communicate the things that they want and like as well as what they find reinforcing when completing daily activities. However, students with Autism Spectrum Disorder (ASD) often face significant challenges in expressive language, and teachers may find it difficult to determine what to use as reinforcers. Some students may be perceived as simply “not motivated by anything,” which often is not a true statement. The challenge is finding out what is reinforcing to each student. While this can seem like a daunting task, the use of a tool called a reinforcement assessment can guide a teacher in identifying and using reinforcers in the classroom.

**QUESTION:** What is a reinforcement assessment?

**Answer:** A reinforcement assessment, sometimes called a preference assessment, is a strategy that can be used by classroom teachers to determine the items, activities, and events that a student finds reinforcing. The process includes interviews, direct observation, and trials with potential reinforcers, as well as data analysis. When conducting a reinforcement assessment, a teacher begins by interviewing family members, school staff, and other significant people in the student’s life. Whenever possible, the teacher should also interview the student. If this is not possible, direct observation of the student during daily activities can be used to obtain information on what motivates him or her. Once interviews and observations have been completed, the teacher gathers and compiles all of the information to identify the student’s three to five highly preferred reinforcers. These are the items or activities that the teacher will use with the student during instruction.

**QUESTION:** Why does a teacher need to conduct a reinforcer assessment?

**Answer:** Sometimes, teachers have difficulty determining what is motivating for students with ASD, especially those with communication barriers. A reinforcement assessment provides opportunities for the teacher to gather information and determine reinforcers based on student selection. By using preferred items and activities when teaching new skills, the teacher can increase the probability that the student will learn targeted behaviors.

**QUESTION:** When should a teacher conduct a reinforcement assessment?

**Answer:** One structured method of conducting a reinforcement assessment is a paired choice reinforcer assessment. The paired choice assessment allows the teacher to discover potential reinforcers that a student prefers, and permits the teacher to rank order the reinforcers in order of apparent student preference. The first step of the process is to collect information about the student’s preferences. This is accomplished by interviewing the student and those who are familiar with him or her. As part of this first step, the student should be observed in natural environments during free choice activities. The information collected from these activities allows the teacher to create a list of potential reinforcers. The list of reinforcers may include food, social interactions, and access to items and preferred activities. Keep in mind that reinforcers should be easy to use, readily accessible, and advance the student’s educational goals.

The next step in the assessment process is to narrow the list of potential reinforcers to approximately six to ten items or activities. The assessment should be conducted when there are no distractions, and the teacher can provide full attention to the student. The assessment may take place during one or more sessions depending on the student and time availability.

During the assessment, select two items from the student’s preferred list. Present them to the student by holding them or placing them side by side on a table. Allow the student 5-10 seconds to select one of the items by using his or her preferred method of communication, such as eye gaze, pointing to, or touching an item. If the student makes a selection within the time limit, the selection is recorded. He or she is then able to interact with the item for 30 seconds, eat the preferred food, or engage in the preferred activity. If the student does not make a selection, both items are removed, and the teacher records that a selection was not made during the trial. This process continues until all items have been paired together, and the student’s preferences are recorded. Finally, the teacher rank orders the preferences from most to least often selected.
behaviors of hitting and screaming when engaging in new and unfamiliar tasks. His teacher decided to do a reinforcement assessment to see if she could identify what motivates Josh. A reinforcement inventory was sent to his family and after school providers. The inventories identified Josh’s preferences as eating food (e.g., chips, pretzels, cheese curls, gummy bears, chewing gum); using the computer; swinging on a swing; looking at books about whales; and listening to country music.

Next, the teacher asked Josh’s family to bring him in early one morning so that she could complete a reinforcement assessment. She presented two items/activities to Josh and waited to see if he picked one. When he picked an item, he got to eat the food or engage in the activity for up to 30 seconds. The teacher continued presenting the items/activities in pairs until she presented each one of the items or activities paired together.

After reviewing the data, the teacher determined that Josh’s most preferred reinforcer was gummy bears. His next preferred reinforcer was looking at books on whales. The teacher then tried using gummy bears and books on whales as reinforcers. First, she presented Josh with a new task while showing him that he would get gummy bears when finished. He completed the task and did not scream or hit her. The teacher tried again presenting another new and unfamiliar task, but this time she used a book about whales as the reinforcer and Josh again completed the task without hitting or screaming. After these trials, it was determined that gummy bears and books on whales could be used as positive reinforcers. The teacher knew that she would need to re-evaluate this on a regular basis to make sure these remained effective reinforcers for Josh.

**Summary**

Everyone has items, activities, and events that are motivating to them. The challenge is in determining what those things are and using them as reinforcers within the classroom. Due to communication difficulties for students with ASD, it may be difficult to determine preferred reinforcing items, but it is not an insurmountable task if the teacher engages the student in a reinforcement assessment.

**Additional Resources**


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