



1 in 5 people have learning and attention differences, including specific learning disabilities, which can impact their abilities in reading, math, writing, speaking, and/or listening.



Breast cancer is the second leading cause of cancer death in women. There are over a dozen types of breast cancer and many are fully treatable with early detection and appropriate treatment.

BUT learning disabilities and breast cancer have more than October in common.

Exposure to some toxic chemicals like these has been linked to both breast cancer and learning & attention issues.



Bisphenol-A, or BPA for short, is a common chemical found in many consumer products such as the plastics used to make baby toys and the lining and lids of food containers. It is also frequently found in dental sealants, cash register receipts, reusable water bottles, and compact discs.

Chlorpyrifos is a pesticide and insecticide finally banned for food use in the US but is still used in other countries and used here in the US for pest control. It is an endocrine disruptor and breast carcinogen. Multiple studies show that even low levels of chlorpyrifos and other **organophosphates, or OP pesticides,** can permanently harm children's cognitive skills.



Known as "Forever Chemicals," **PFAS chemicals** are a family of synthetic chemicals that build up in humans and can be found in non-stick cookware, personal care products, dental floss, stain-resistant carpeting and furniture, outdoor clothing and gear, and food packaging and contact paper (e.g., fast food wrappers, microwave popcorn bags). PFAS are also found in firefighter turnout gear (personal protective gear) and foams. Several PFAS including PFOA are linked to cancer and are potentially neurotoxic.

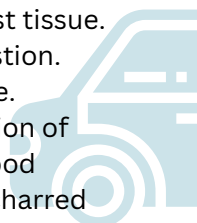


Cadmium is a metal that enters the bloodstream via food, drinking water, and air. It is most often used in batteries, coatings and plating, semi-conductors, and as a stabilizer for plastics.



Phthalates are a group of chemicals used to soften and improve the flexibility and durability of plastics. Phthalates are found in a wide variety of products, including plastics, building materials, cleaning products, insecticides, pharmaceuticals, food packaging, home décor, children's toys, and personal care products.

Polycyclic aromatic hydrocarbons (PAHs) are fat-loving chemicals that can accumulate in breast tissue. They are formed from fossil fuel combustion. PAHs are found abundantly in the atmosphere. Humans are exposed to PAHs through inhalation of motor vehicle exhaust, cigarette smoke, or wood smoke. PAHs can also be consumed through charred and grilled foods.



The EPA banned **PCBs** from new products in 1976, but due to their persistence in the environment, these chemicals are still found in soil, riverbeds and dust particulates in homes. They also remain in products manufactured prior to the ban such as paper, plastics and paints.



LDA
Learning Disabilities
Association of America



**HEALTHY CHILDREN
PROJECT**



Exposing The Cause Is The Cure

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Learn more and find tips for reducing exposure at www.bcpp.org/science-policy/glossary-of-exposures