



BRIGHT FUTURES HANDOUT ► PARENT

4 YEAR VISIT

Here are some suggestions from Bright Futures experts that may be of value to your family.

✓ HOW YOUR FAMILY IS DOING

- Stay involved in your community. Join activities when you can.
- If you are worried about your living or food situation, talk with us. Community agencies and programs such as WIC and SNAP can also provide information and assistance.
- Don't smoke or use e-cigarettes. Keep your home and car smoke-free. Tobacco-free spaces keep children healthy.
- Don't use alcohol or drugs.
- If you feel unsafe in your home or have been hurt by someone, let us know. Hotlines and community agencies can also provide confidential help.
- Teach your child about how to be safe in the community.
 - Use correct terms for all body parts as your child becomes interested in how boys and girls differ.
 - No adult should ask a child to keep secrets from parents.
 - No adult should ask to see a child's private parts.
 - No adult should ask a child for help with the adult's own private parts.

✓ HEALTHY HABITS

- Give your child 16 to 24 oz of milk every day.
- Limit juice. It is not necessary. If you choose to serve juice, give no more than 4 oz a day of 100% juice and always serve it with a meal.
- Let your child have cool water when she is thirsty.
- Offer a variety of healthy foods and snacks, especially vegetables, fruits, and lean protein.
- Let your child decide how much to eat.
- Have relaxed family meals without TV.
- Create a calm bedtime routine.
- Have your child brush her teeth twice each day. Use a pea-sized amount of toothpaste with fluoride.

✓ GETTING READY FOR SCHOOL

- Give your child plenty of time to finish sentences.
- Read books together each day and ask your child questions about the stories.
- Take your child to the library and let him choose books.
- Listen to and treat your child with respect. Insist that others do so as well.
- Model saying you're sorry and help your child to do so if he hurts someone's feelings.
- Praise your child for being kind to others.
- Help your child express his feelings.
- Give your child the chance to play with others often.
- Visit your child's preschool or child care program. Get involved.
- Ask your child to tell you about his day, friends, and activities.

✓ TV AND MEDIA

- Be active together as a family often.
- Limit TV, tablet, or smartphone use to no more than 1 hour of high-quality programs each day.
- Discuss the programs you watch together as a family.
- Consider making a family media plan. It helps you make rules for media use and balance screen time with other activities, including exercise.
- Don't put a TV, computer, tablet, or smartphone in your child's bedroom.
- Create opportunities for daily play.
- Praise your child for being active.

Helpful Resources: National Domestic Violence Hotline: 800-799-7233 | Family Media Use Plan: www.healthychildren.org/MediaUsePlan
Smoking Quit Line: 800-784-8669 | Information About Car Safety Seats: www.safercar.gov/parents | Toll-free Auto Safety Hotline: 888-327-4236

4 YEAR VISIT—PARENT

✓ SAFETY

- Use a forward-facing car safety seat or switch to a belt-positioning booster seat when your child reaches the weight or height limit for her car safety seat, her shoulders are above the top harness slots, or her ears come to the top of the car safety seat.
- The back seat is the safest place for children to ride until they are 13 years old.
- Make sure your child learns to swim and always wears a life jacket. Be sure swimming pools are fenced.
- When you go out, put a hat on your child, have her wear sun protection clothing, and apply sunscreen with SPF of 15 or higher on her exposed skin. Limit time outside when the sun is strongest (11:00 am–3:00 pm).
- If it is necessary to keep a gun in your home, store it unloaded and locked with the ammunition locked separately.
- Ask if there are guns in homes where your child plays. If so, make sure they are stored safely.

WHAT TO EXPECT AT YOUR CHILD'S 5 AND 6 YEAR VISIT

We will talk about

- Taking care of your child, your family, and yourself
- Creating family routines and dealing with anger and feelings
- Preparing for school
- Keeping your child's teeth healthy, eating healthy foods, and staying active
- Keeping your child safe at home, outside, and in the car

Consistent with *Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents, 4th Edition*

For more information, go to <https://brightfutures.aap.org>.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



The information contained in this handout should not be used as a substitute for the medical care and advice of your pediatrician. There may be variations in treatment that your pediatrician may recommend based on individual facts and circumstances. Original handout included as part of the *Bright Futures Tool and Resource Kit*, 2nd Edition.

Inclusion in this handout does not imply an endorsement by the American Academy of Pediatrics (AAP). The AAP is not responsible for the content of the resources mentioned in this handout. Web site addresses are as current as possible but may change at any time.

The American Academy of Pediatrics (AAP) does not review or endorse any modifications made to this handout and in no event shall the AAP be liable for any such changes.

© 2019 American Academy of Pediatrics. All rights reserved.

Executive Function Activities for 3- to 5-year-olds

Children’s executive function and self-regulation skills grow at a fast pace during this period, so it is important to adapt activities to match the skills of each child. Younger children need a lot of support in learning rules and structures, while older children can be more independent. Ultimately, the goal is to shift children away from relying on adult regulation, so when the child seems ready, try to reduce the support you provide.



Imaginary play

During intentional imaginary play, children develop rules to guide their actions in playing roles. They also hold complex ideas in mind and shape their actions to follow these rules, inhibiting impulses or actions that don’t fit the “role.” Players often take ideas from their own lives, such as going to the doctor’s office. They might act “sick,” be examined by the doctor, and receive a shot. The “doctor” talks and acts like a doctor (calm and reassuring), the “sick child” talks and acts like a sick child (sad and scared), and the child in the role of “parent” talks and acts like a concerned parent (worried and caring). While younger children tend to play alone or in parallel, children in this age range are learning to play cooperatively and often regulate each other’s behavior—an important step in developing self-regulation.

Ways to support high-level imaginary play:

- **Read books, go on field trips, and use videos** to make sure that children know enough about the scenario and roles to support pretend play.
- **Provide a varied set of props and toys** to encourage this type of play. Younger preschoolers may need more realistic props to get the play started (e.g., toy medical kits), while

older children can re-purpose other things to turn them into play props (e.g., paper towel tube that is used as a cast for a “broken arm”). Reusing familiar objects in a new way also practices cognitive flexibility.

■ **Allow children to make their own play props.** Children must determine what is needed, hold this information in mind, and then follow through without getting distracted. They also exercise selective attention, working memory, and planning. If the original plans don’t work out, children need to adjust their ideas and try again, challenging their cognitive flexibility.

■ **Play plans can be a good way to organize play,** as shown by one early education program designed to build self-regulation, Tools of the Mind. Children decide who they are going to be and what they are going to do before they start playing, and then draw their plan on paper. Planning means that children think first and then act, thus practicing inhibitory control. Planning play in a group also encourages children to plan together, hold these plans in mind, and apply them during the activity. It encourages social problem solving, as well as oral language.

Storytelling

Children love to tell stories. Their early stories tend to be a series of events, each one related to the one before, but lacking any larger structure. With practice, children develop more complex and organized plots. As the complexity of the storytelling grows, children practice holding and manipulating information in working memory.

Ways to support children’s storytelling:

■ **Encourage children to tell you stories,** and write them down to read with the child. Children can also make pictures and create their own books. Revisiting the story, either by reviewing pictures or words, supports more intentional organization and greater elaboration.

continued

■ **Tell group stories.** One child starts the story, and each person in the group adds something to it. Children need to pay attention to each other, reflect on possible plot twists, and tailor their additions to fit the plot, thereby challenging their attention, working memory, and self-control.

■ **Have children act out stories** they have written. The story provides a structure that guides

children's actions and requires them to attend to the story and follow it, while inhibiting their impulse to create a new plot.

■ **Bilingual families can tell stories in their home language.** Research indicates that bilingualism can benefit a variety of executive function skills in children of all ages, so fostering fluency in a second language is valuable.

Movement challenges: songs and games

The demands of songs and movement games support executive function because children have to move to a specific rhythm and synchronize words to actions and the music. All of these tasks contribute to inhibitory control and working memory. It is important that these songs and games become increasingly complex to interest and challenge children as they develop more self-regulation skills.

■ **Provide many opportunities** for children to test themselves physically through access to materials such as climbing structures, balance beams, seesaws, etc. Setting challenges for children—such as obstacle courses and games that encourage complex motions (skipping, balancing, etc.)—can also be fun. When children are trying new and difficult activities, they need to focus attention, monitor and adjust their actions, and persist to achieve a goal.

■ **Encourage attention control through quieter activities** that require children to reduce stimu-

lation and focus attention—such as using a balance beam or yoga poses that include slow breathing.

■ **Play some music** and have children dance really fast, then really slowly. *Freeze dance* is also fun, and it can be made more difficult by asking children to freeze in particular positions. (Tools of the Mind uses stick-figure pictures to direct children.) When the music stops, children must inhibit action and shift their attention to the picture to imitate the shape depicted.

■ **Songs that repeat and add on** to earlier sections (either through words or motions) are a great challenge to working memory, such as the motions to *She'll Be Coming 'Round the Mountain*, the words to *Bought Me a Cat*, and backward-counting songs, such as *Five Green and Speckled Frogs* and songs repeating a long list (the *Alphabet Song*).

■ **Traditional song games**, like *Circle 'Round the Zero* are also fun. Complex actions, including finding partners, must be accomplished without becoming distracted.

Quiet games and other activities

■ **Matching and sorting activities** are still fun, but now children can be asked to sort by different rules, promoting cognitive flexibility. Children can first sort or match by one rule (such as by color), and then immediately switch to a new rule (such as by shape). For a more challenging version, play a matching game, but change the rule for each pair. *Quirkle* and *S'Match* are commercially available games that challenge cognitive flexibility in this way. Or play a bingo or lotto game, in which children have to mark a card with the opposite of what is called out

by the leader (e.g., for “day,” putting a chip on a nighttime picture). Children have to inhibit the tendency to mark the picture that matches, while also remembering the game's rule.

■ **Increasingly complicated puzzles** can engage children this age, exercising their visual working memory and planning skills.

■ **Cooking is also a lot of fun** for young children. They practice inhibition when waiting for instructions, working memory while holding complicated directions in mind, and focused attention when measuring and counting.

Resources

Pretend play suggestions

■ www.mindinthemaking.org/wp-content/uploads/2014/10/PFL-4-year-old-independent-play.pdf

Montessori activities – Walking on the line

■ www.infomontessori.com/practical-life/control-of-movement-walking-on-the-line.htm

Songs

■ kids.niehs.nih.gov/games/songs/childrens/index.htm