Active Learning Study Group
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Developed for
Texas School for the Blind & Visually Impaired
Outreach Programs
Learning to Eat – Adult’s Approach

- Adult shares spoon with infant to play with as adult eats
- Adult uses teaspoon to feed – child still sucking, expels food to chin – adult scraps chin and holds spoon at ready for next bite
- Adult moves to bigger spoon and continues to scrap chin
- At end of dinner adult scrapes plate to get one more spoon for child
- While adult is feeding allows child to use fingers to some degree to play in food
- If teething gives teething biscuit to chew
- Adult gives child spoon while feeding with another spoon
- Adult fills spoon for child and places on plate
- Adult reduces feeding to minimum
- Adult accepts child uses fingers sometimes and spoon sometimes, but removes plate if infant is making too much mess.
- Sometimes adult insists in helping infant though child is determined to eat his/her way.

Figure 1 An infant in a bib sits in a highchair; an adult hand holds a babyspoon with green pureed food in front of the baby. [http://en.wikipedia.org/wiki/Spoon](http://en.wikipedia.org/wiki/Spoon)

Figure 2 A toddler holds a fork in one hand while her other very messy hand hovers over a plate of food. The toddler has a very messy face. [http://en.wikipedia.org/wiki/Toddler](http://en.wikipedia.org/wiki/Toddler)

Figure 3 A toddler wearing a bib uses his fingers to place something in his mouth while his food is held upside down in his other hand. Creative commons photo.
Learning to Eat - Infant’s Approach

- Child grasps and let go of spoon give for play
- Child grasps and keeps spoon
- While holding spoon accidently taps on table, own head, adult, etc.
- Infant mouths spoon and moves from hand to hand
- In high chair infant grasps food using ulnar grip and brings to mouth – smears food into mouth
- Infant snatches spoon from adult while being fed, lets go of it so it falls on table, plate, floor
- Infant taps spoon consciously towards table, plate, head
- Infant sticks spoon into food without getting any in spoon
- Infant tries to put food on spoon and bring to mouth
- Using a spoon
  - Infant eats some food using fingers – grasp crumbs, one finger in bread/milk – develop pincer grasp
  - Infant grasps and lets go of some food
  - Infant puts bits of food in glass of milk
  - Infant places food on table next to plate or lets go so that it falls on floor
  - Infant eats most food using fingers and spoon
- Pincer Grasp
  - Infant snatches adult’s fork
  - Child tries to stick fork into bites of food – lifts elbow using the muscle strength of upper arm and shoulder
  - Child eats using fork
  - Child tries to cut food with knife
  - Child practices using fork and knife simultaneously – lifts elbows
  - Child stops eating if adult interferes too much or tries to teach

Figure 4 Opening image in the video of a baby spoon feeding. From Creative Commons. YouTube https://www.youtube.com/watch?v=rJschk2zgCw

Figure 5 A toddler feeds using a pincer grasp; the opening image of a video. From Creative Commons YouTube - http://www.youtube.com/watch?v=d5czMVfFEj4
Changes of the Adult’s Approach

- For a bottle fed student- if student cannot reach midline, offer a warm doll’s bottle for them to hold.
- Forcing the child to hold the bottle is ineffective.
- Should we be scraping the student’s chin after each spoonful? What is this teaching? Use a serviette!
- Adapt the amount of food on the spoon.
- Place the spoon on the plate after each bite. Even if the student cannot see this step, they may be able to hear it.
- Helps facilitate the child’s understanding of the spatial relationship between the spoon, the plate and the food.
- Refrain from plate scraping. If we don’t want them to do it, then we shouldn’t do it.
- For a spoon fed student- a spoon should be placed in their hand for each feeding.
- Never guide the child’s hand and spoon to his mouth or plate. Your job is to give them an opportunity to initiate this movement.

Facilitation of the Learning to Eat

- Opportunities to experience eating and practice the skills required to do so is the way!
- Students who have only been fed or training (hand guided) are not being given the opportunity to learn and practice the skills.
- Learning to eat looks different for all children dependent on level of development, and the nature of disability.
- First and foremost, provide opportunities to play with spoons. Pushing them, grasping them, letting them go, holding on to them, manipulating them.
- Blind child never sees others using spoons or silverware.
- They need time and experience touching the silverware, listening to the sounds they make and combining the sounds and movements together.
- This takes a lot of time and experience to learn these concepts.
- Provide these opportunities by placing spoons in the Little Room, on the Positional Board, in a box of toys or in a box with other cutlery.
- Use a “Buncher” while feeding- helps a child tap without quickly losing the spoon.
- When child begins to chew, introduce a fork.
- After child takes bite from fork, replace food without touching the child’s hand.
- When child begins to bring fork to the plate, touch the end of the fork to help stab the next bite, not the child’s hand.
- Provide other activities or games to facilitate increase in strength needed to stab food, not during the mealtime.
It facilitates the child’s learning to eat if…

- the spoon or fork fits the size of the child’s hand.
- the plate has a shape and size that makes it easier to use fingers or utensils.
- a piece of dycem prevents the plate from sliding.
- the handles of the cup are easy to grasp.
- the bites are adapted to the right size.
- the food offered is one that the child likes.
- the atmosphere during mealtimes is pleasant.
Notes:
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Figure 7 IDEAs that Work logo and OSEP disclaimer.