



OWL Explorers

Numbers, Patterns & Thinking Skills

Ages 3-4 · Printable Educator Workbook

18 pages · Color cover + print-friendly activity pages

Slow pacing · Big feelings · Joyful learning

Created for OWL Sing Together educator printables

Educator Guide

Preschoolers are ready for counting, matching, comparison, and predictable visual patterns. Activities use pictures, short tracing paths, and educator read-aloud directions rather than independent writing.

Learning goals

- Count picture sets from 1 to 10.
- Recognize numerals 1 to 5.
- Compare more, fewer, bigger, and smaller.
- Continue simple AB and ABB patterns.

Use it this way

- Read directions aloud. Invite children to point, say, color, circle, trace, or draw at their own pace.
- Keep pages short and playful. For ages under 5, completing one page with joy matters more than finishing a packet.
- Offer crayons, chunky pencils, stickers, counters, and movement breaks. These pages are educator-led, not test pages.

Research base

1. CDC developmental milestones:
<https://www.cdc.gov/act-early/milestones/index.html>
2. Head Start ELOF:
<https://headstart.gov/school-readiness/article/head-start-early-learning-outcomes-framework>
3. NAEYC DAP principles:
<https://www.naeyc.org/resources/position-statements/dap/principles>
4. Reading Rockets phonological awareness:
<https://www.readingrockets.org/reading-101/reading-and-writing-basics/phonological-and-phonemic-awareness>
5. Common Core Kindergarten Math:
<https://www.thecorestandards.org/Math/Content/K/>



Count each row. Write or say the number.

Name: _____

Date: _____

1



2



3



4



5





Trace numbers 1 to 5.

Name: _____

Date: _____

1

.....
trace, then try

2

.....
trace, then try

3

.....
trace, then try

4

.....
trace, then try

5

.....
trace, then try



Count up to 10. Say each number.

Name: _____

Date: _____

6



7



8



9



10



Circle the group with more.

Name: _____

Date: _____



more fewer equal



more fewer equal



more fewer equal



more fewer equal



Circle the group with fewer.

Name: _____

Date: _____



more fewer equal



more fewer equal



more fewer equal



more fewer equal



What comes next? Finish each AB pattern.

Name: _____

Date: _____



What comes next? Finish each ABB pattern.

Name: _____

Date: _____



Match the numeral to the number word.

Name: _____

Date: _____

1

three

2

one

3

five

4

two

5

four



Shape hunt: color triangles and circles.

Name: _____

Date: _____



circle



square



triangle



rectangle



oval



diamond



Sort by kind. Draw a line to the basket.

Name: _____

Date: _____

apple

fruit

banana

animal

owl

fruit

bird

animal



Trace the path to help OWL fly home.

Name: _____

Date: _____



trace, then try



trace, then try



trace, then try



trace, then try



Color as many as the number says.

Name: _____

Date: _____

2



4



5



3



1



Put the sizes in order.

Name: _____

Date: _____

small

big

medium

small

big

medium



Create your own pattern in the boxes.

Name: _____

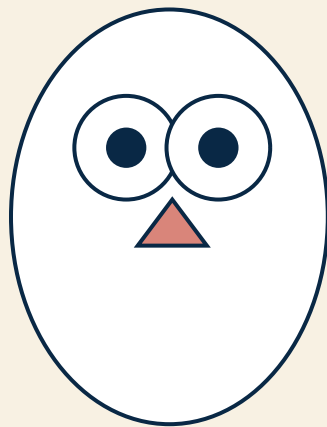
Date: _____



Draw 3 flowers for OWL's garden.

Name: _____

Date: _____



OWL Certificate



This certifies that

completed OWL Explorers: Numbers, Patterns & Thinking Skills

Every child belongs here.

Educator

Date

