

Nursing Concepts Online – Basic Structure

This guide will explain the basic structure for Nursing Concepts Online (NCO).

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Introduction

1. Nursing Concepts Online (NCO) is a combination of several Elsevier products, which allows for a more holistic course. NCO contains Elsevier Adaptive Quizzing, Clinical Skills, HESI Patient Reviews, and Case Studies as well as links to Giddens' *Concepts for Nursing Practice*, and two sets of quizzes. Select versions of NCO also include SimChart. This guide will walk through where each of these resources is located and the different ways to access them.

Mapping your NCO Course

2. Within the Course Content section of your NCO course, on the left-hand side, you will see a folder named **Nursing Concepts Online**.
3. Inside the NCO folder, the first link should be labeled **Concepts Organization Graphic**.



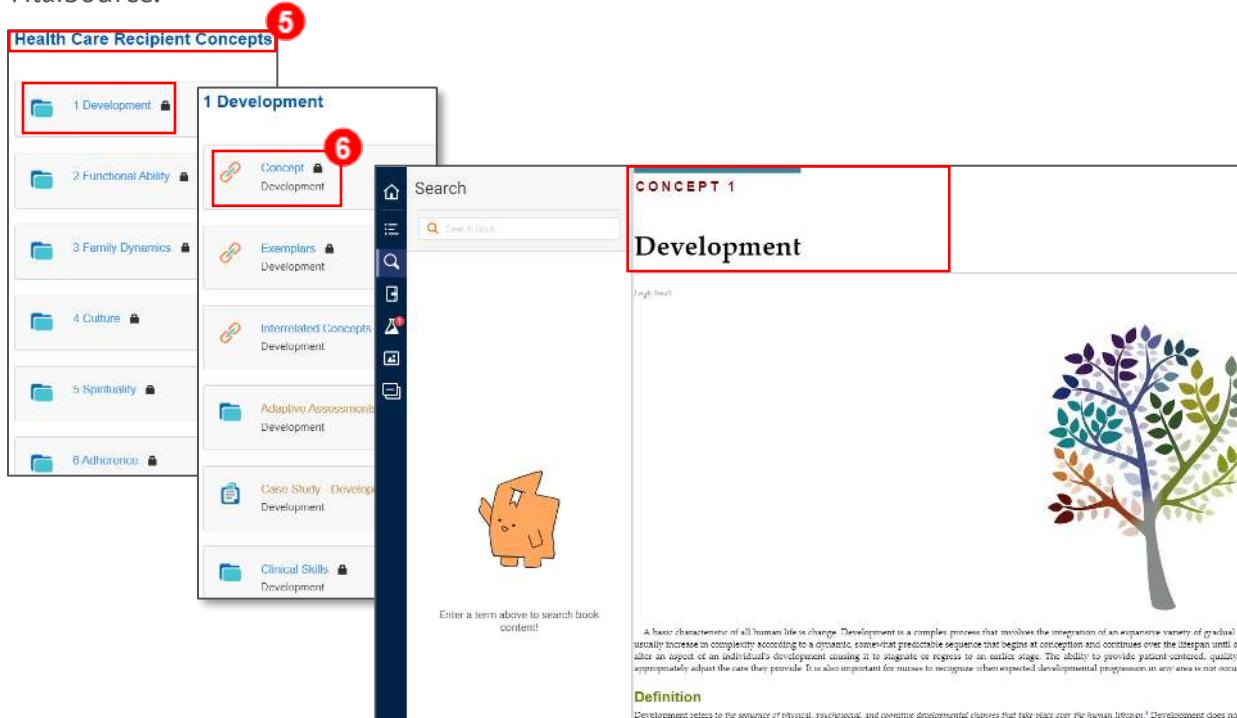
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4. This will open a new browser tab with a graphic that explains the layout of the Concepts in your NCO Course and the sub-concepts contained inside. This graphic will help you better understand the concept organization ensuring you can find the resource you are looking for.



Content Inside Every Subtopic

5. Once you are inside of the Concept and Sub-Concept you are looking for, you will see several different links related to the sub-concept.
6. The first link labeled **Concept** will open a new browser tab and take you to the Giddens book in VitalSource.

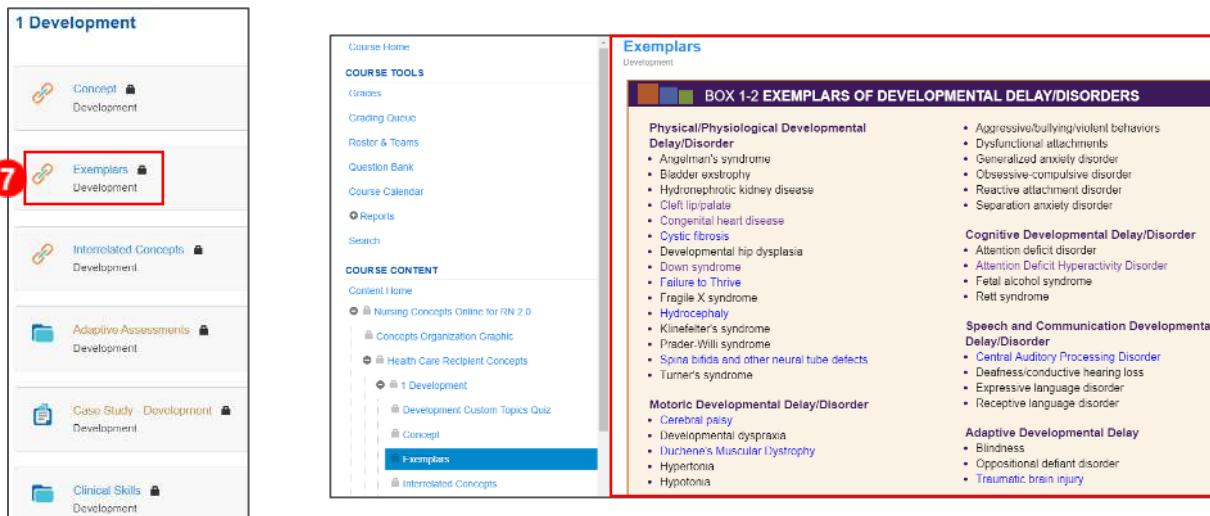


The screenshot shows the VitalSource platform interface. A red box highlights the 'Health Care Recipient Concepts' section in the sidebar. A red circle with the number 5 is on the sidebar. A red box highlights the '1 Development' subconcept in the main content area. A red circle with the number 6 is on the subconcept list. The main content area shows the 'CONCEPT 1 Development' page. A red box highlights the title 'Development'. A small orange cartoon character is in the bottom left. A large tree graphic is in the bottom right. A search bar is at the top right. A red box highlights the 'Definition' section at the bottom. A small note at the bottom right states: 'A basic characteristic of all human life is change. Development is a complex process that involves the integration of an expansive variety of gradual, usually increase in complexity according to a dynamic, somewhat predictable sequence that begins at conception and continues over the lifespan until after an aspect of an individual's development causing it to stagnate or regress to an earlier stage. The ability to provide patient centered, quality, appropriately adjust the care they provide. It is also important for nurses to recognize when expected developmental progression in any area is not occurring.'



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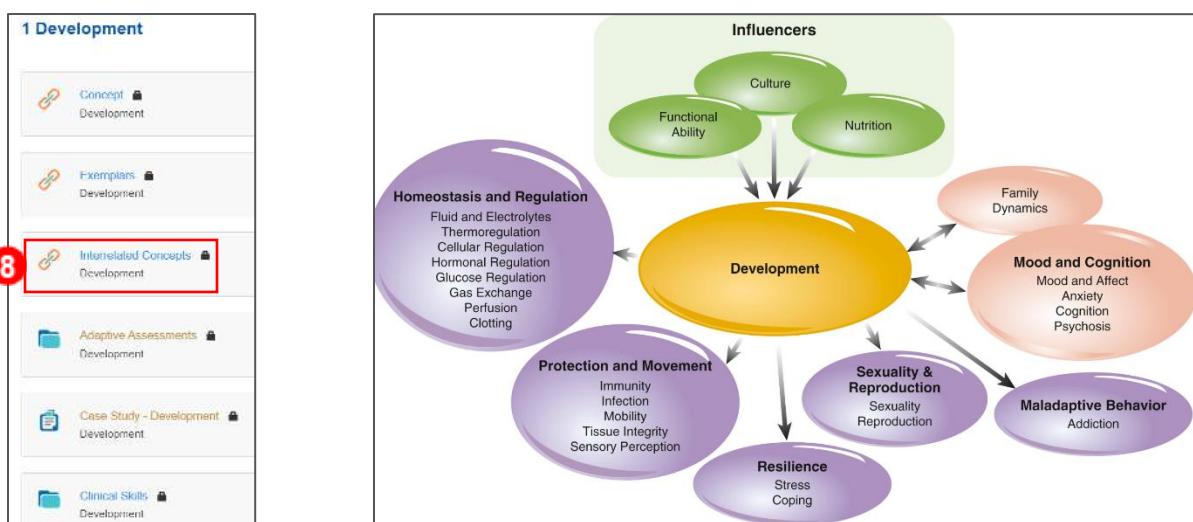
7. Next, we have *Exemplars* which will provide a list of links that will search your eBook library for exemplars for the sub-concept chosen.



The screenshot shows the 'Exemplars' section of the '1 Development' concept. The 'Exemplars' link is highlighted with a red box and the number 7. The 'Exemplars' section lists various developmental delay disorders, categorized into Physical/Physiological, Cognitive, Speech and Communication, and Motoric categories. Each category contains a list of specific disorders.

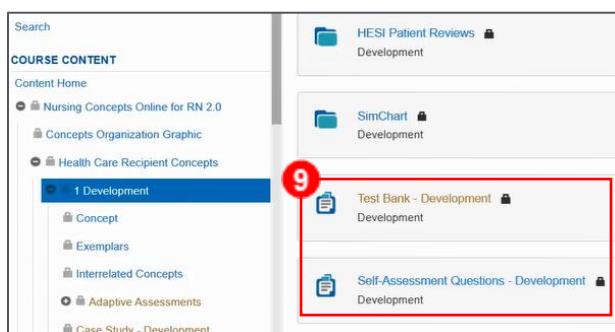
BOX 1-2 EXEMPLARS OF DEVELOPMENTAL DELAY/DISORDERS	
Physical/Physiological Developmental Delay/Disorder	<ul style="list-style-type: none">Angelman's syndromeBladder extrophyHydronephrotic kidney diseaseCleft lip/palateCongenital heart diseaseCystic fibrosisDevelopmental hip dysplasiaDown syndromeFailure to ThriveFragile X syndromeHydrocephalyKlinefelter's syndromePrader-Willi syndromeSpina bifida and other neural tube defectsTurner's syndrome
Cognitive Developmental Delay/Disorder	<ul style="list-style-type: none">Attention deficit disorderAttention Deficit Hyperactivity DisorderFetal alcohol syndromeRett syndrome
Speech and Communication Developmental Delay/Disorder	<ul style="list-style-type: none">Central Auditory Processing DisorderDeafness/conductive hearing lossExpressive language disorderReceptive language disorder
Motoric Developmental Delay/Disorder	<ul style="list-style-type: none">Cerebral palsyDevelopmental dyspraxiaDuchenne's Muscular DystrophyHypertoniaHyptonia
Adaptive Developmental Delay	<ul style="list-style-type: none">BlindnessOppositional defiant disorderTraumatic brain injury

8. *Interrelated Concepts* will open a new browser tab that shows a graphic of the other concepts related to the current concept.



The screenshot shows the 'Interrelated Concepts' section of the '1 Development' concept. The 'Interrelated Concepts' link is highlighted with a red box and the number 8. To the right is a conceptual diagram titled 'Development' at the center, influenced by various factors: Influencers (Culture, Functional Ability, Nutrition), Homeostasis and Regulation (Fluid and Electrolytes, Thermoregulation, Cellular Regulation, Hormonal Regulation, Glucose Regulation, Gas Exchange, Perfusion, Clotting), Protection and Movement (Immunity, Infection, Mobility, Tissue Integrity, Sensory Perception), Sexuality & Reproduction (Sexuality, Reproduction), Resilience (Stress, Coping), Mood and Cognition (Mood and Affect, Anxiety, Cognition, Psychosis), Family Dynamics, and Maladaptive Behavior (Addiction).

9. There will be 2 quizzes in every concept. One labeled as *Self- Assessment Questions* and the other labeled as *Test Bank*.

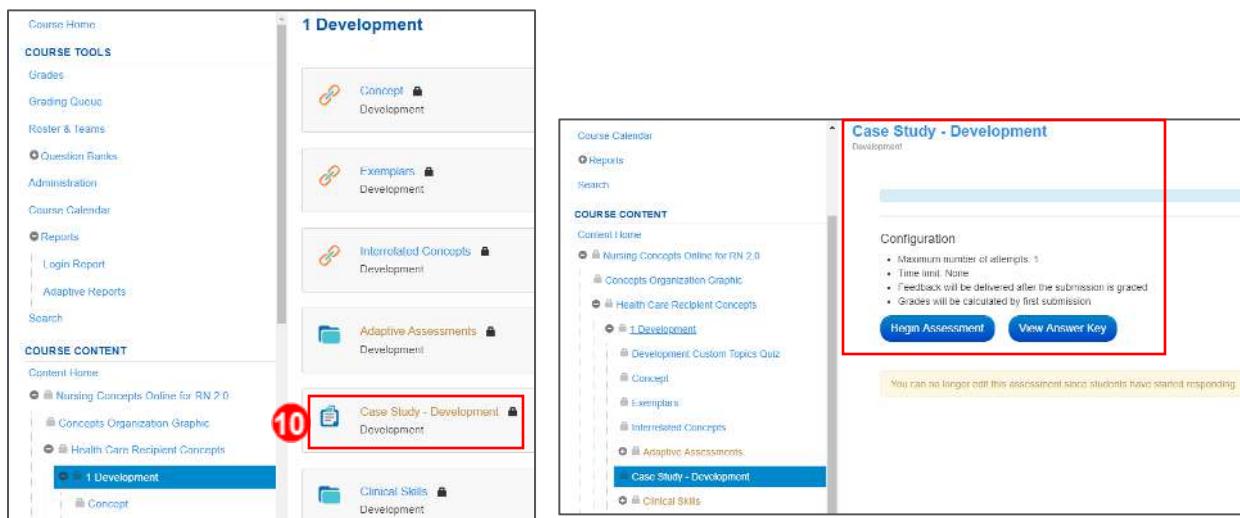


The screenshot shows the 'Test Bank' and 'Self-Assessment Questions' links under the '1 Development' concept. The 'Test Bank - Development' link is highlighted with a red box and the number 9. Both links are labeled 'Development'.



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10. A Case Study will present the student with a vignette and ask the student a few open-ended essay questions.



The screenshot shows the 'Course Home' and 'Course Tools' sections on the left, and the '1 Development' subconcept on the right. The 'Case Study - Development' folder is highlighted with a red box and a red number '10' over it. The 'Case Study - Development' subconcept page is shown on the right, with its configuration settings highlighted by a red box. The configuration includes: Maximum number of attempts: 1, Time limit: None, Feedback will be delivered after the submission is graded, and Grades will be calculated by first submission. Buttons for 'Begin Assessment' and 'View Answer Key' are also visible.

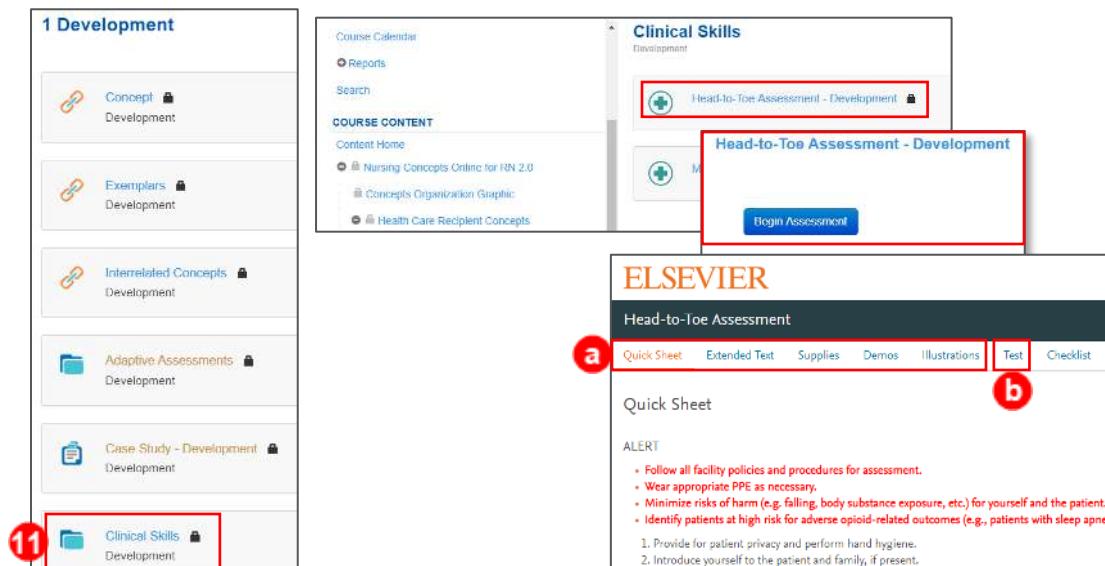
Content Inside Select Subconcepts

NOTE: The next sets of items may or may not appear in sub-concepts folders.

11. Clinical Skills may appear in a subconcept's folder, if there are skills related to the concept.

Clinical Skills provides the student with the following:

- Information on how to complete a specific skill.
- A quiz that can report directly to the gradebook.



The screenshot shows the '1 Development' subconcept on the left and the 'Clinical Skills' subconcept on the right. The 'Head-to-Toe Assessment - Development' folder is highlighted with a red box and a red number '11' over it. The 'Head-to-Toe Assessment - Development' page is shown on the right, with its configuration settings highlighted by a red box. The configuration includes: Maximum number of attempts: 1, Time limit: None, Feedback will be delivered after the submission is graded, and Grades will be calculated by first submission. Buttons for 'Begin Assessment' and 'View Answer Key' are also visible. The 'ELSEVIER' logo is at the top of the page. A red circle 'a' is on the 'Test' tab, and a red circle 'b' is on the 'ALERT' section.



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12. *HESI Patient Reviews* will appear in the sub-concept folder, if there are patient reviews related to the sub-concept. A patient review will present a student with a scenario over the course of several pages, with questions appearing on some of the pages.

The screenshot shows the '1 Development' sub-concept folder. A red box highlights the 'HESI Patient Reviews' folder. A red arrow points from this folder to a larger window on the right. This window is titled 'Adolescents' and contains the following text: 'Adolescents receiving out-patient care'. It includes a 'Configuration' section with the following settings: 'Maximum number of attempts: Unlimited', 'Time limit: None', 'Feedback will be delivered after the submission is graded', and 'Grades will be calculated by last submission'. At the bottom are 'Begin Assessment' and 'View Answer Key' buttons. The entire right window is also enclosed in a red box.

EAQ in NCO

13. Elsevier Adaptive Quizzing (EAQ) in NCO is a quizzing system that assesses the student's knowledge of each concept and will give him/her questions, with difficulty based on the student's individual mastery. The student's mastery level is concept-specific and can range from 0-3. Once inside the concept and sub-concept folder you desire, instructions on how to create quizzes are in the folder **Adaptive Assessments**.

14. You can also review the Adaptive Quizzing Reports by going to Reports under Course Tools on the left-hand side of the screen and clicking **Adaptive Report**.

The screenshot shows the '1 Development' sub-concept folder. A red box highlights the 'Adaptive Assessments' folder. Another red box highlights the 'Creating Adaptive Assessments' link within this folder. A red arrow points from the 'Adaptive Assessments' folder to a larger window on the right. This window is titled 'Reports' and shows the 'Adaptive Mastery Report'. The report includes a 'Student Engagement' chart and a 'Students' table. The 'Students' table has two sections: 'Top Students' and 'Bottom Students'. The 'Top Students' section shows Jason Todd (Percent Correct: 80%) and Michael Grapkin (Percent Correct: 70%). The 'Bottom Students' section shows Connor Hart (Percent Correct: 5%) and Damon Morris (Percent Correct: 20%). The entire right window is enclosed in a red box.



SimChart in NCO

15. Some versions of NCO have SimChart. SimChart is a web-based simulated electronic health record (EHR) system that was specifically developed as a teaching tool for health science education. If your version of NCO contains SimChart, SimChart Setup and folders marked Case Studies, Simulations and My Clinicals will be in Course Content underneath the Concepts folder.
16. In select sub-concepts, there will be a folder marked *SimChart* that contains related Cases and Simulations.

The image shows the NCO interface. On the left, the 'Content Home' is displayed with a list of course components. A red box highlights the 'SimChart Setup' folder, and the number '15' is placed over it. The 'Content Home' also lists 'Case Studies', 'Simulations', 'My Clinicals', and 'Additional SimChart Resources'. On the right, a detailed view of the 'Health Care Recipient Concepts' sub-concept is shown. This view includes a 'Concepts Organization Graphic' and a '1 Development' folder. The '1 Development' folder contains several items: 'Case Study - Development', 'Clinical Skills', 'HESI Patient Reviews', 'SimChart' (which is highlighted with a red box and the number '16'), and 'Test Bank - Development'. The 'SimChart' folder in the development section is specifically highlighted with a red box and the number '16'.

END OF GUIDE

