Measúnú Rangbhunaithe 2: Innealtóireacht

Soláthraíonn Measúnú Rangbhunaithe seo deiseanna ar fáil don scoláire téama a iniúchadh agus a thuiscint ar an téama sin a fhorbairt, téama a bhaineann leis an tionscadal a bheidh le déanamh aige, a eiseoidh Coimisiún na Scrúduithe Stáit níos déanaí.

Maidir le scoláirí 2023/2024, is é an téama: **Córais Stiúrtha**.

Féadfaidh an scoláire meáin oiriúnacha ar bith a úsáid chun an Measúnú Rangbhunaithe a chur in iúl lena ndéantar a fhreagairt a thaifeadadh. Chun cuidiú lena chur chuige a struchtúrú maidir leis an Measúnú Rangbhunaithe, ba cheart don scoláire a chuid oibre a dhíriú ar na bealaí seo a leanas:

Taighde agus anailís

Agus an Measúnú Rangbhunaithe á chur i gcrích, dírítear ar scileanna taighde an scoláire a fhorbairt i réimse dualgais. Ba cheart don scoláire a idé nó idéanna a shainiú trí thobsmaointeoireacht a dhéanamh ar eochairfhocail, ar fhrásaí agus ar phíosaí faisnéise eile a bheidh ina gcuidiú lena chuid taighde. Beidh ar gach scoláire sonraí agus faisnéis a bhailiú ó fhoinsí difriúla ar mhaithe le taighde a dhéanamh ar an téama dualgais. Caithfidh gach scoláire aonair a thaighde allamuigh (taighde príomhúil) féin agus/nó roinnt taighde deisce (taighde tánaisteach) a dhéanamh. Tá sé tábhachtach do gach scoláire taifead a choinneáil ar fhoinse/fhoinsí an eolais ar fad a bhaileofar lena chinntiú go bhféadfar a n-iontaofacht agus a gcáilíocht a mheas, agus gur féidir tagairt a dhéanamh do na foinsí sin sa tasc. Ba chóir é a spreagadh chun cuardach éifeachtach a dhéanamh ar ábhar, agus é a mheas agus a anailísiú.

Coincheapa a fhiosrú

Tar éis dó an taighde tosaigh a chur i gcrích, ba cheart go spreagfaí an scoláire le coincheapa ábhartha a bhaineann leis an téama a shainaithint agus a fhiosrú. D'fhéadfadh go mbeadh ceangail ag na coincheapa sin leis an téama/réimse ar an iomlán, nó le gnéithe sonracha den téama. Is féidir leis an scoláire leas a bhaint as eolas atá aige cheana ach ba cheart dó tacú lena chuid oibre le taighde chun a eolas faoina choincheapa sainaitheanta a threisiú. Trí choincheapa atá ábhartha don téama a fhiosrú, ba cheart go mbeadh an scoláire in ann tuiscint cheart ar an téama a léiriú agus ba cheart dó machnamh a dhéanamh ar an bhfaisnéis ríthábhachtach a bheidh de dhíth chun a chuid torthaí a chur in iúl go cruinn.

A chuid oibre a chur in iúl

Déanfaidh gach scoláire cur i láthair ar an méid a d'fhoghlaim sé i ndiaidh an Measúnú Rangbhunaithe a dhéanamh. Ba chóir dó an fhaisnéis a chur i láthair ina chuid focal féin chun a léiriú go bhfuil tuiscint phearsanta aige ar an eolas agus ar na smaointe a bhaineann leis an téama. Ba cheart go spreagfaí an scoláire an fhaisnéis a shainaithint lena gcuirtear a chuid oibre in iúl ar an mbealach is fearr agus an meán is oiriúnaí trína gcuirfear i láthair í a roghnú.

Classroom-Based Assessment 2: Engineering

This Classroom-Based Assessments provides opportunities for students to investigate and develop their understanding of a theme related to their upcoming project, which will be later issued by the State Examinations Commission.

For 2023/2024 third year students, the theme is: **Steering Systems**.

The student can communicate the Classroom-Based Assessment through any appropriate media that captures their response. To help structure their approach to the Classroom-Based Assessment, the students should focus their work through the lens of:

Research and analysis

An area of focus for completion of the Classroom-Based Assessment is developing a student's research skills on a prescribed area. Students should try to define their idea(s) such as brainstorming key words, phrases and other pieces of information that will assist their research. Each student will be required to gather data and information from different sources to research the prescribed theme. Each individual student must conduct their own research using some field (primary) research and/or some desk (secondary) research. It is important that each student records the source(s) of all the information gathered in order to assess its reliability and quality, and to ensure that the sources used can be referenced in the task. They should be encouraged to search effectively, evaluate and analyse material.

Exploring concepts

After completing their initial research, students should be encouraged to identify and explore relevant concepts associated with the theme. These concepts can relate to the theme as a whole, or, to distinct aspects of the theme. Students can draw on existing knowledge but should support their work with research to enhance their knowledge of their identified concepts. By exploring concepts relevant to the theme, students should be able to show a genuine understanding of the theme and should consider what key information will be needed to accurately communicate their findings.

Communicating their work

Each student will present on what they have learned having completed the Classroom-Based Assessment. The information should be presented in their own words to demonstrate personal understanding of the knowledge and ideas relevant to the theme. Students should be encouraged to identify which information best communicates their work and choose the most suitable medium in which to present it.

NCCA
An Chomhairle Náisiúnta Curaclaim agus Measúnachta
National Council for Curriculum and Assessment