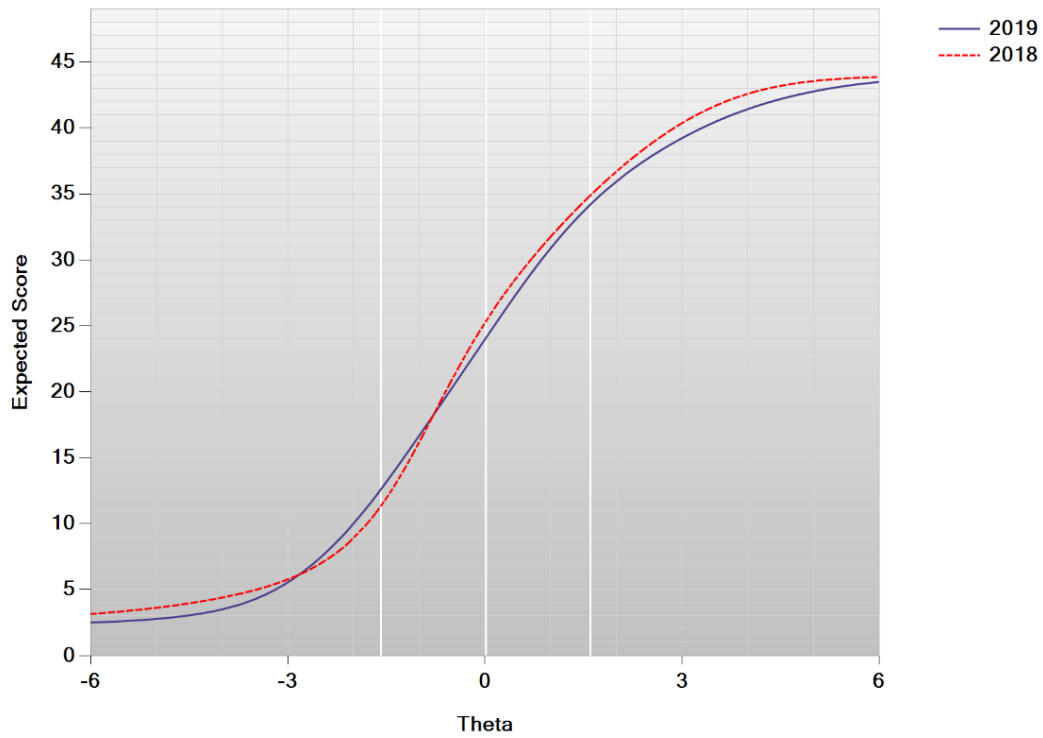


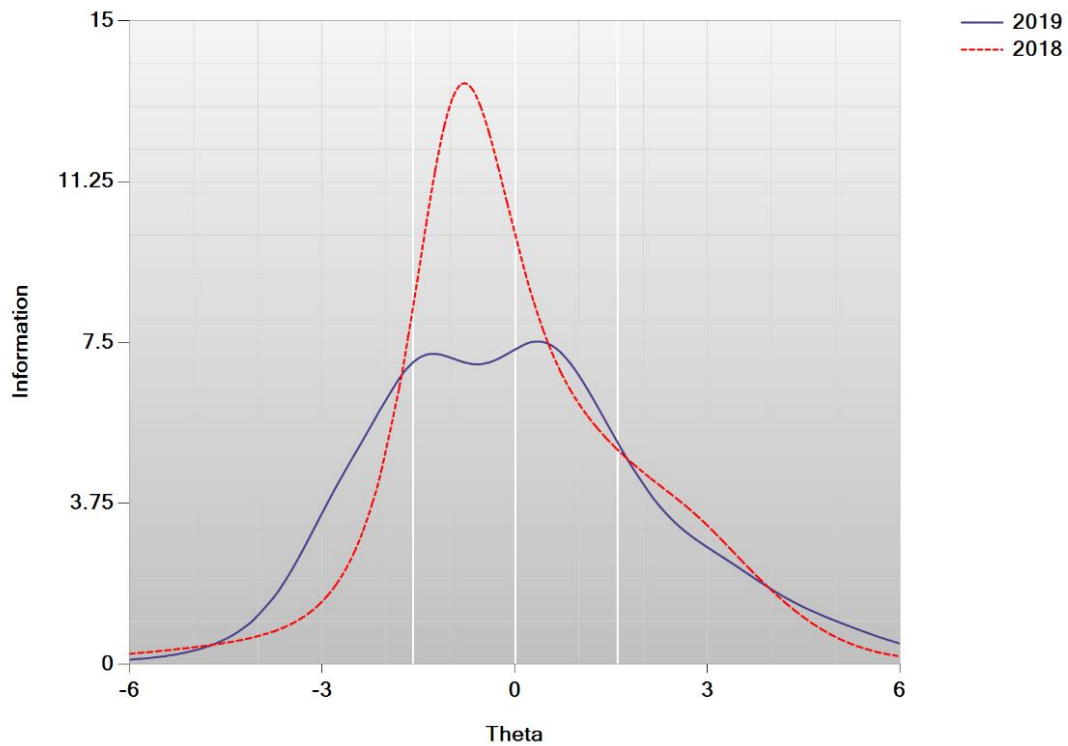
## **APPENDIX K**

### **TEST CHARACTERISTIC CURVES AND TEST INFORMATION FUNCTIONS**

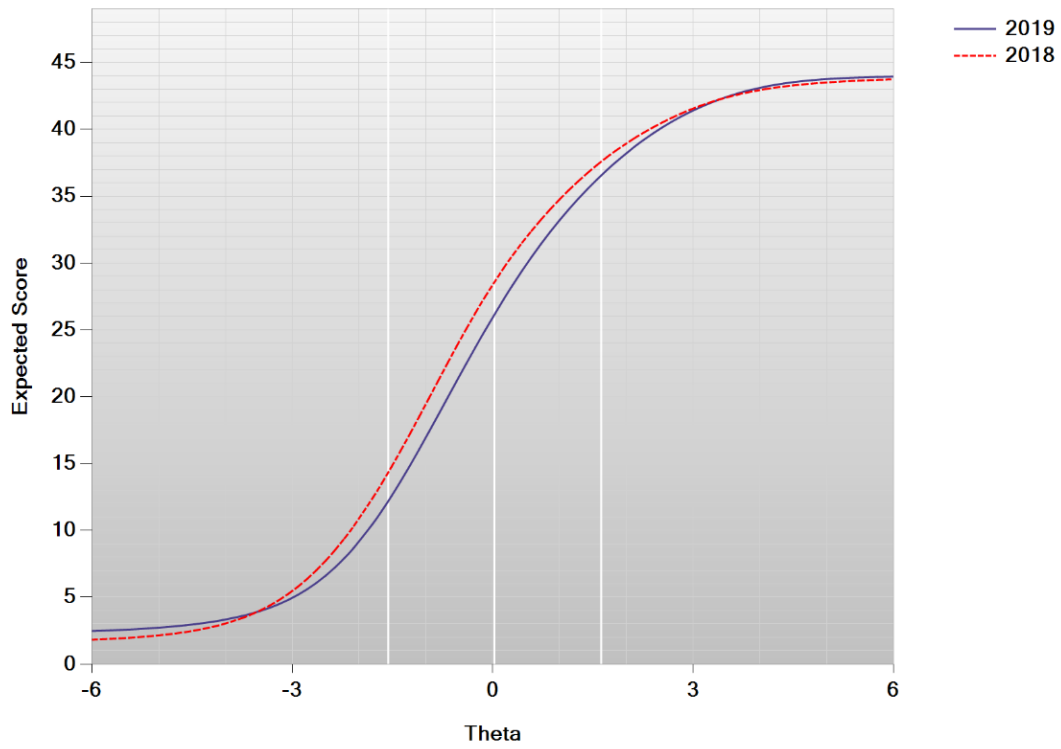
**Figure K-1. Test Characteristic Curve—ELA Grade 3**



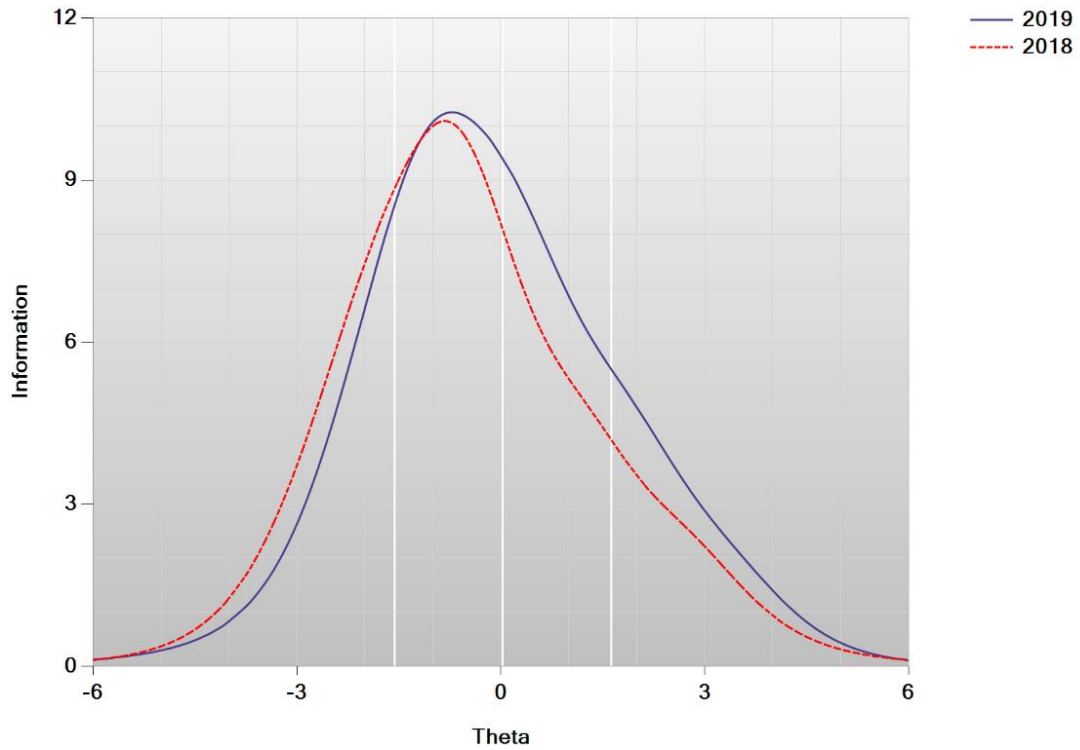
**Figure K-2. Test Information Function—ELA Grade 3**



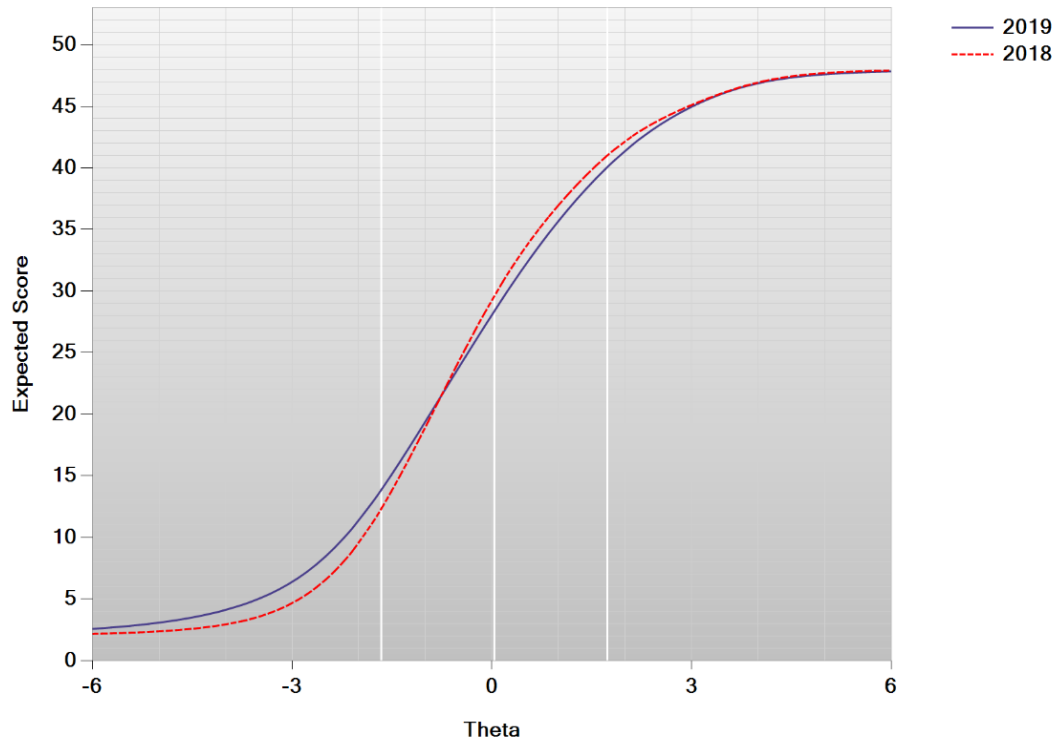
**Figure K-3. Test Characteristic Curve—ELA Grade 4**



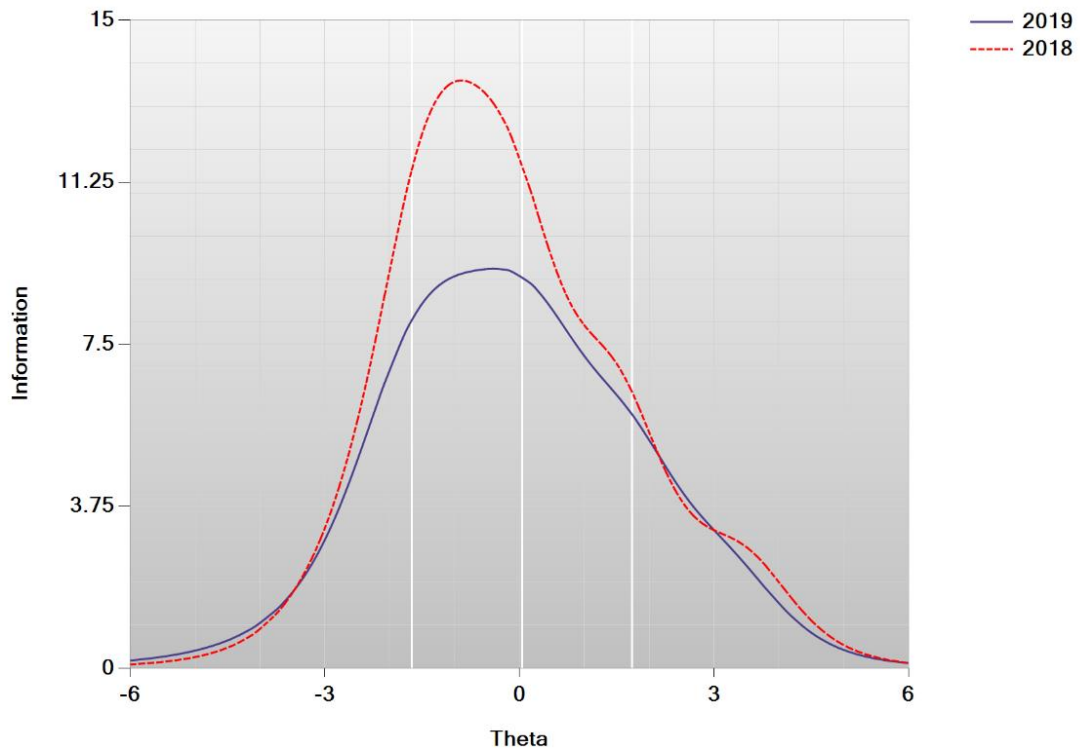
**Figure K-4. Test Information Function—ELA Grade 4**



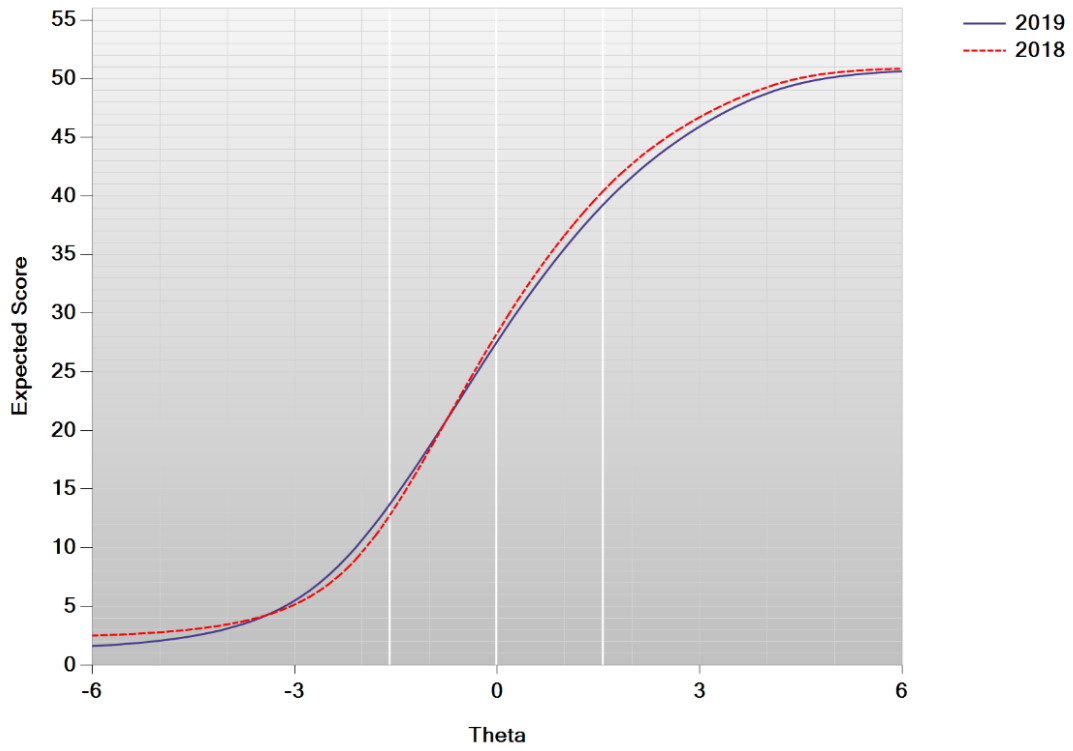
**Figure K-5. Test Characteristic Curve—ELA Grade 5**



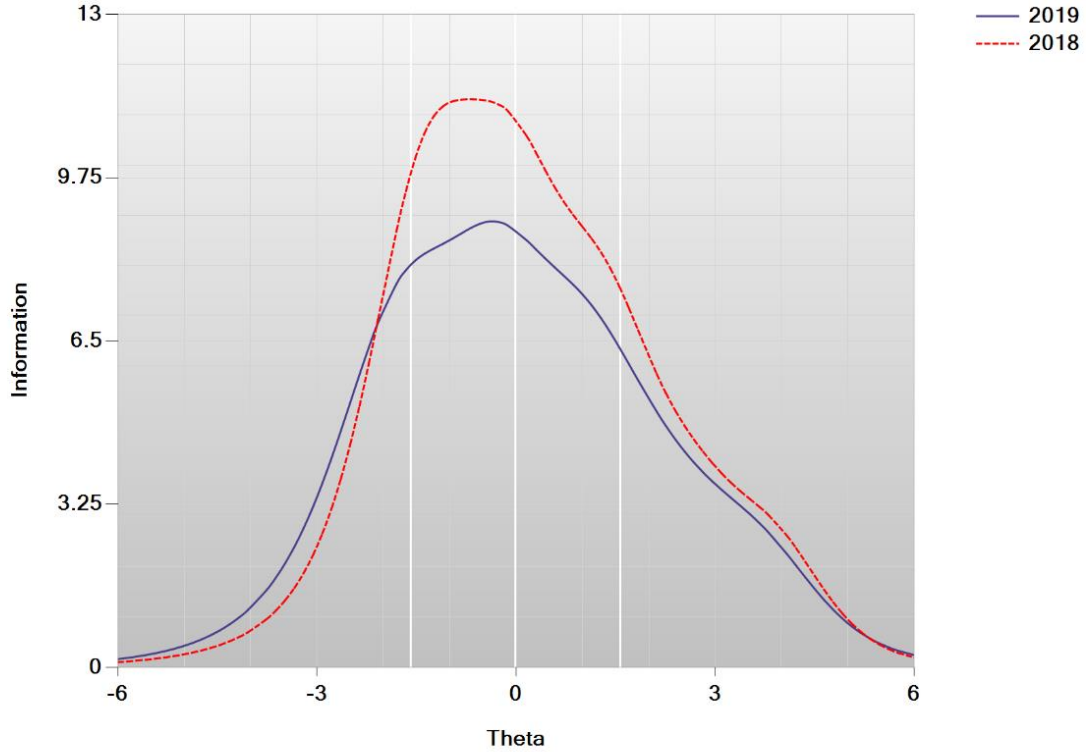
**Figure K-6. Test Information Function—ELA Grade 5**



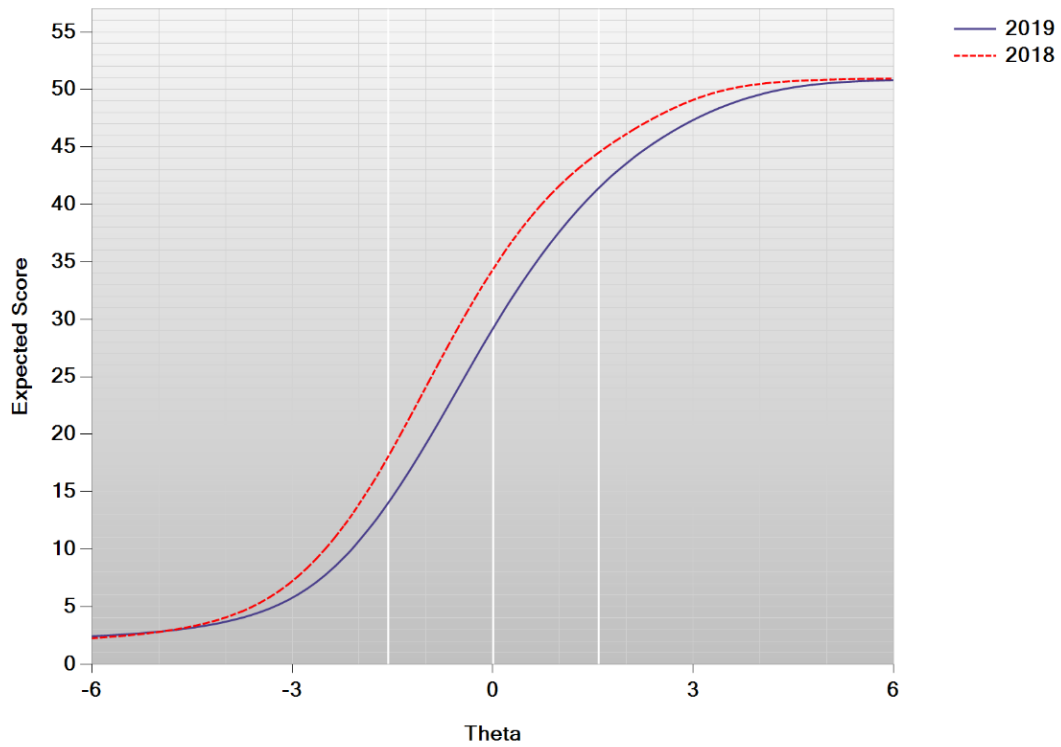
**Figure K-7. Test Characteristic Curve—ELA Grade 6**



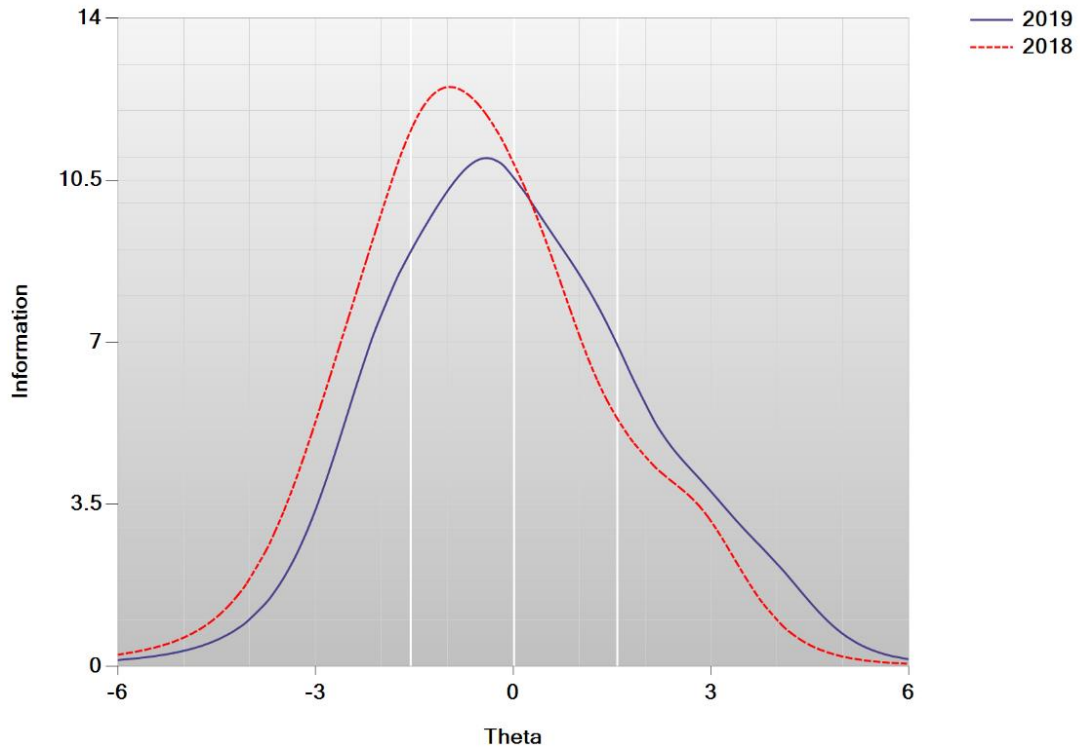
**Figure K-8. Test Information Function—ELA Grade 6**



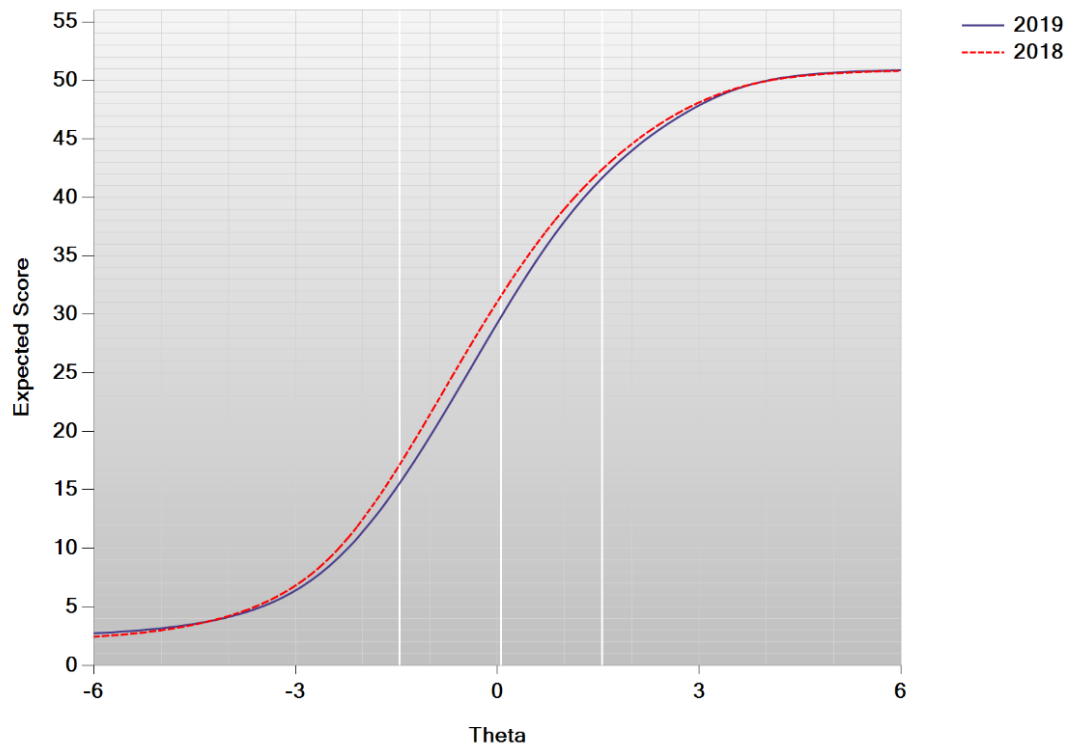
**Figure K-9. Test Characteristic Curve—ELA Grade 7**



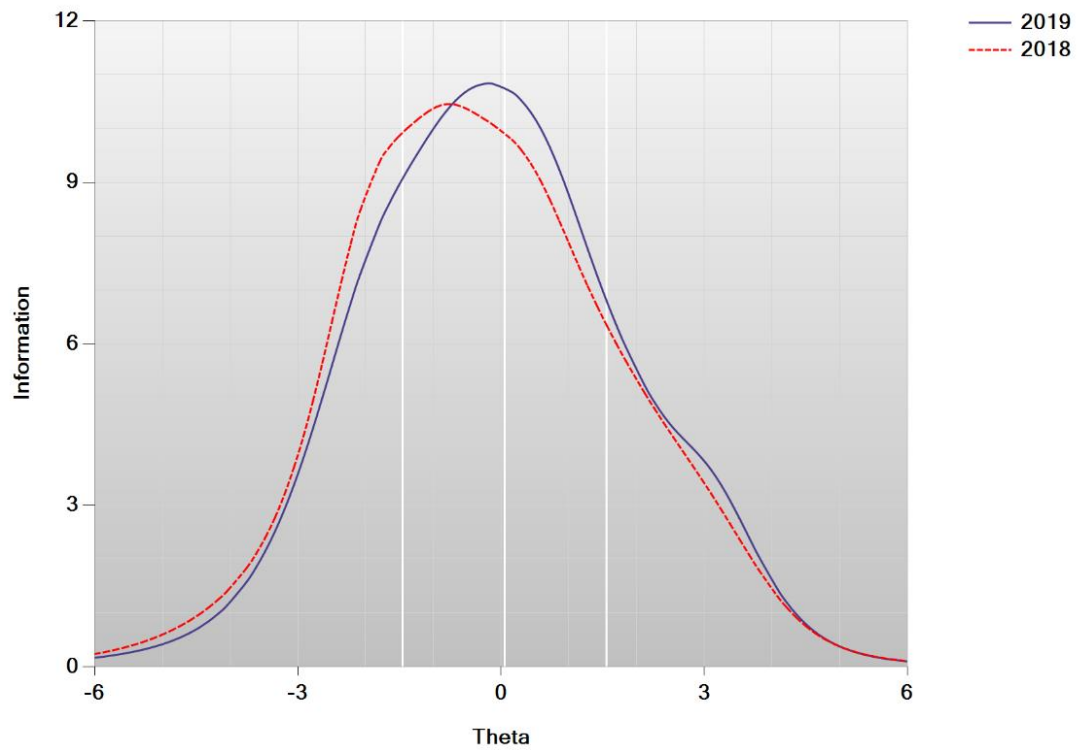
**Figure K-10. Test Information Function—ELA Grade 7**



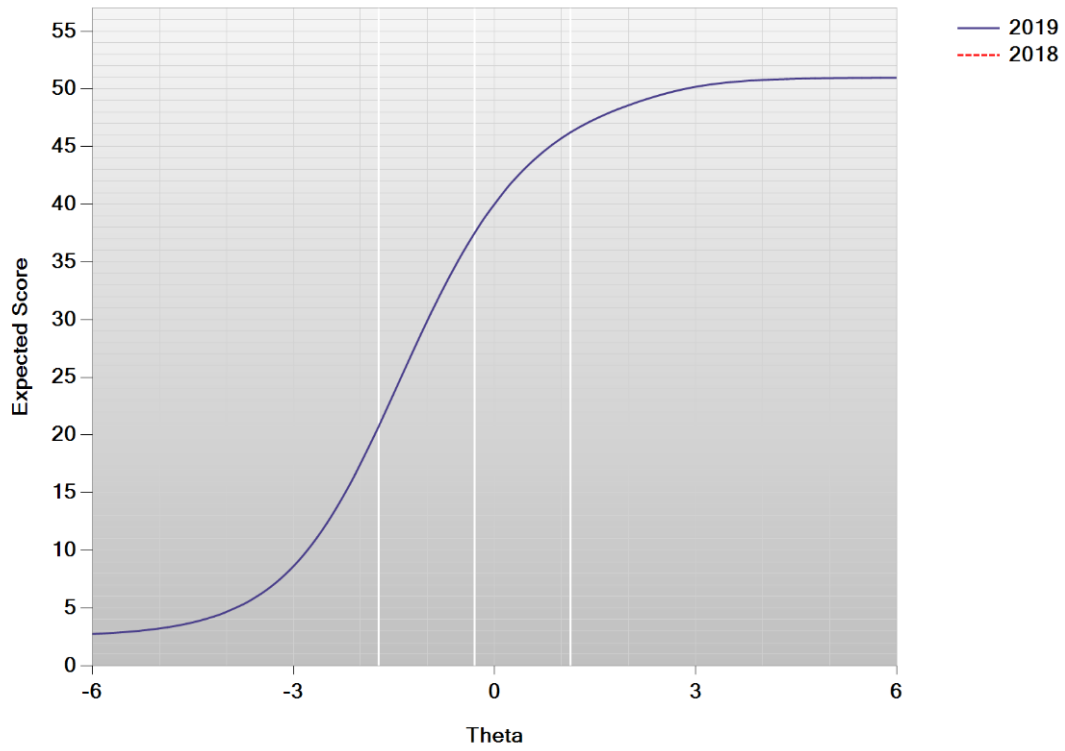
**Figure K-11. Test Characteristic Curve—ELA Grade 8**



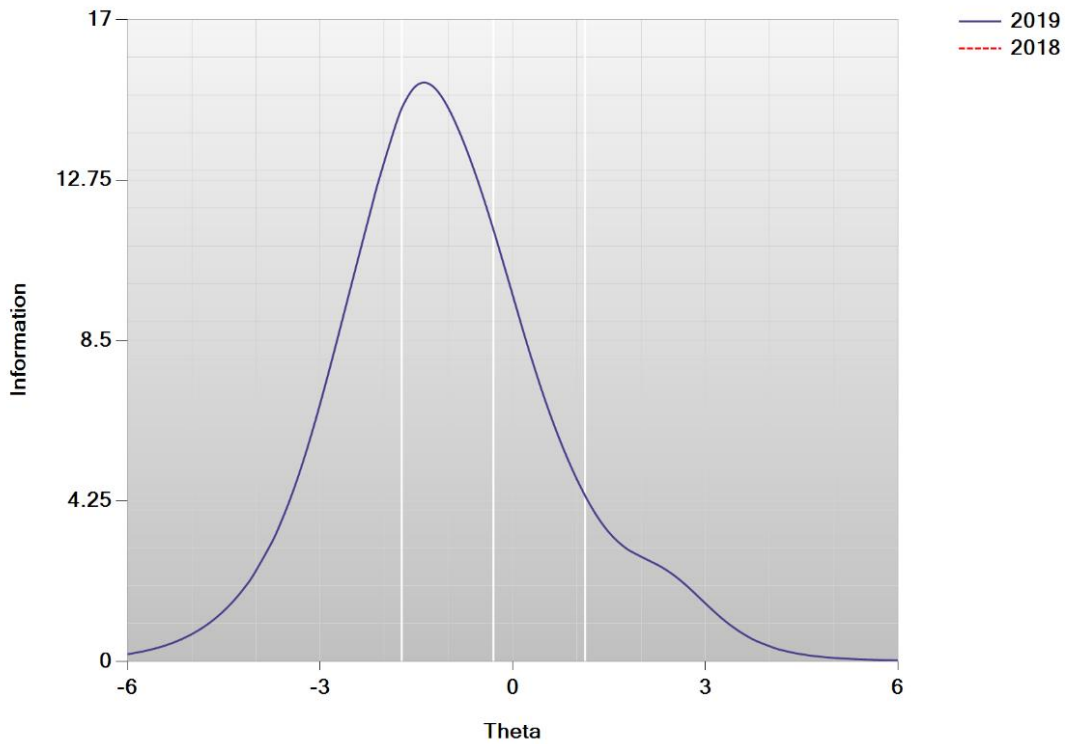
**Figure K-12. Test Information Function—ELA Grade 8**



**Figure K-13. Test Characteristic Curve—ELA Grade 10**

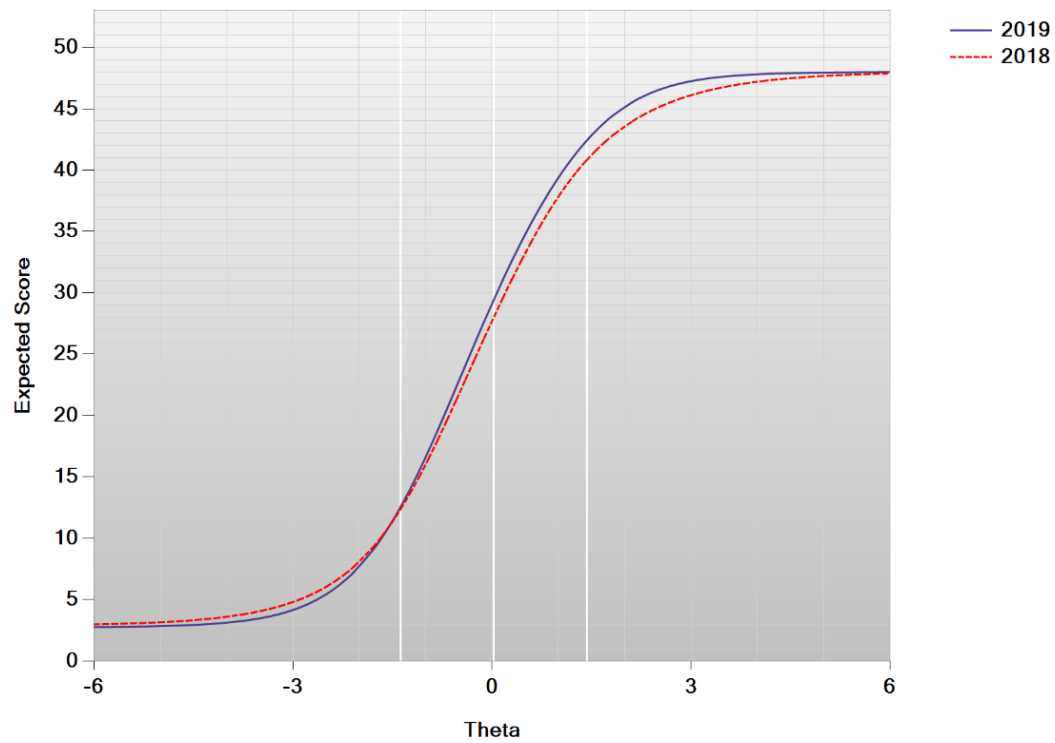


**Figure K-14. Test Information Function—ELA Grade 10**

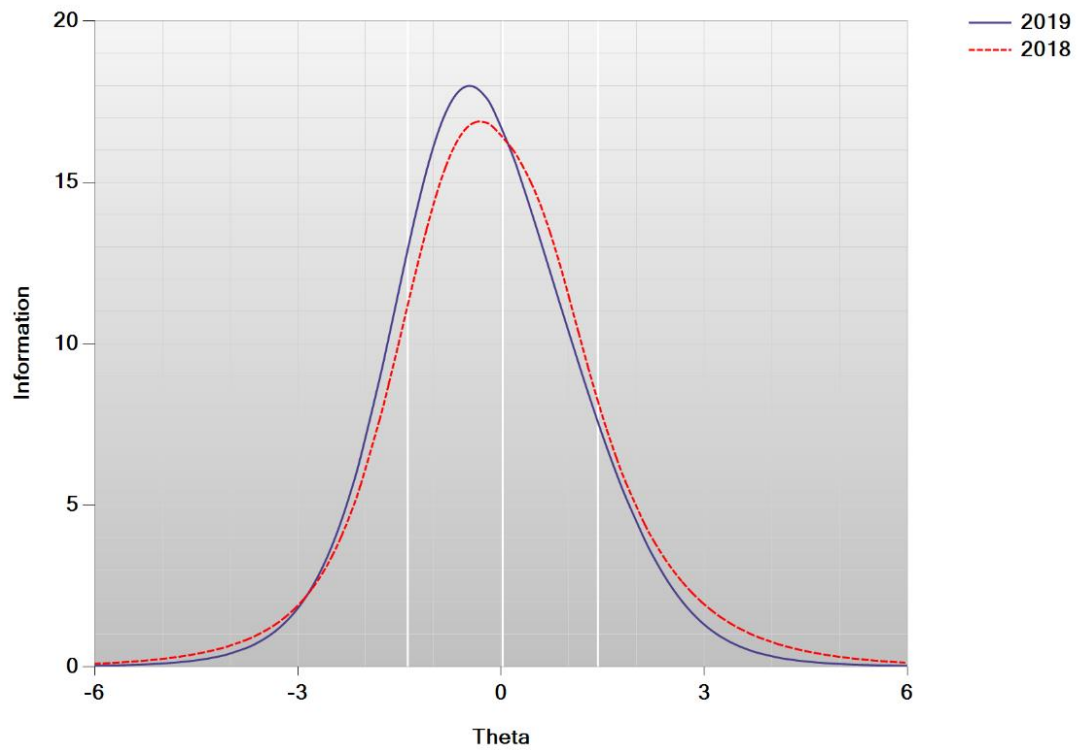




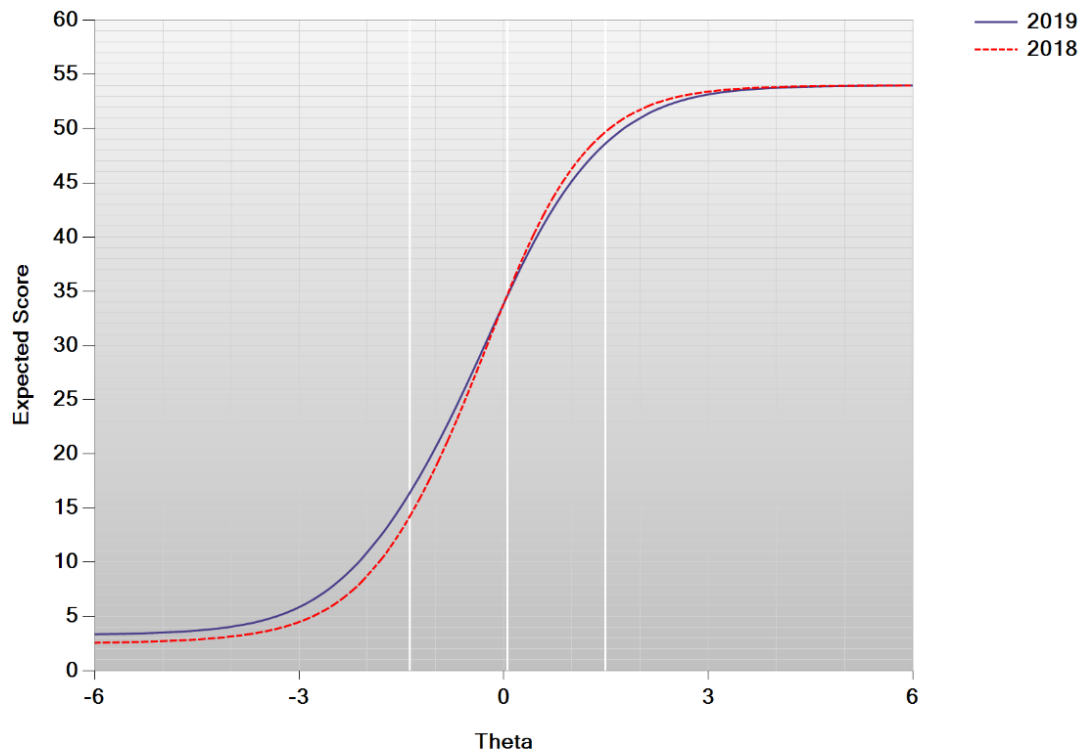
**Figure K-15. Test Characteristic Curve—Mathematics Grade 3**



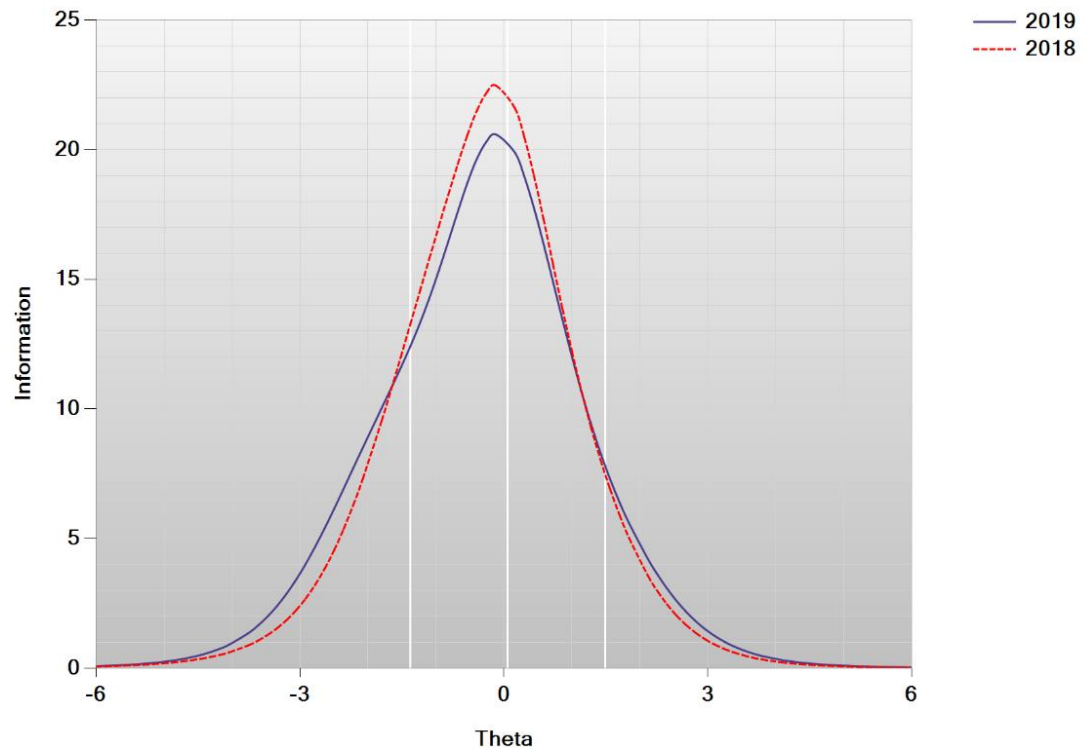
**Figure K-16. Test Information Function—Mathematics Grade 3**



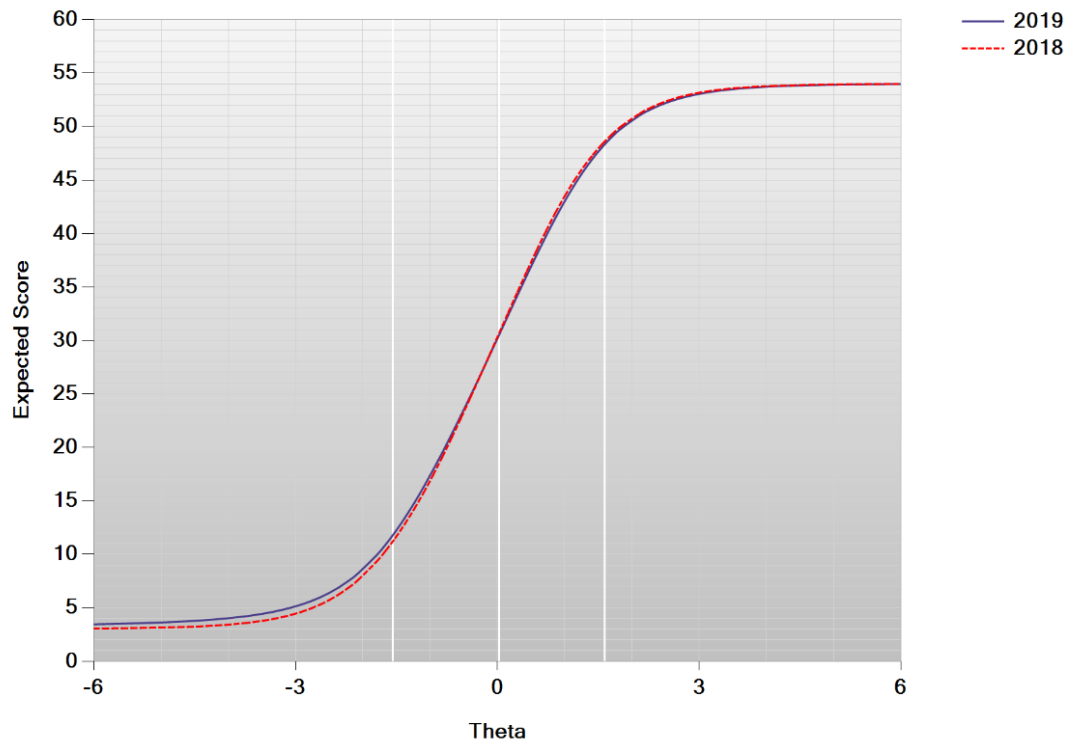
**Figure K-17. Test Characteristic Curve—Mathematics Grade 4**



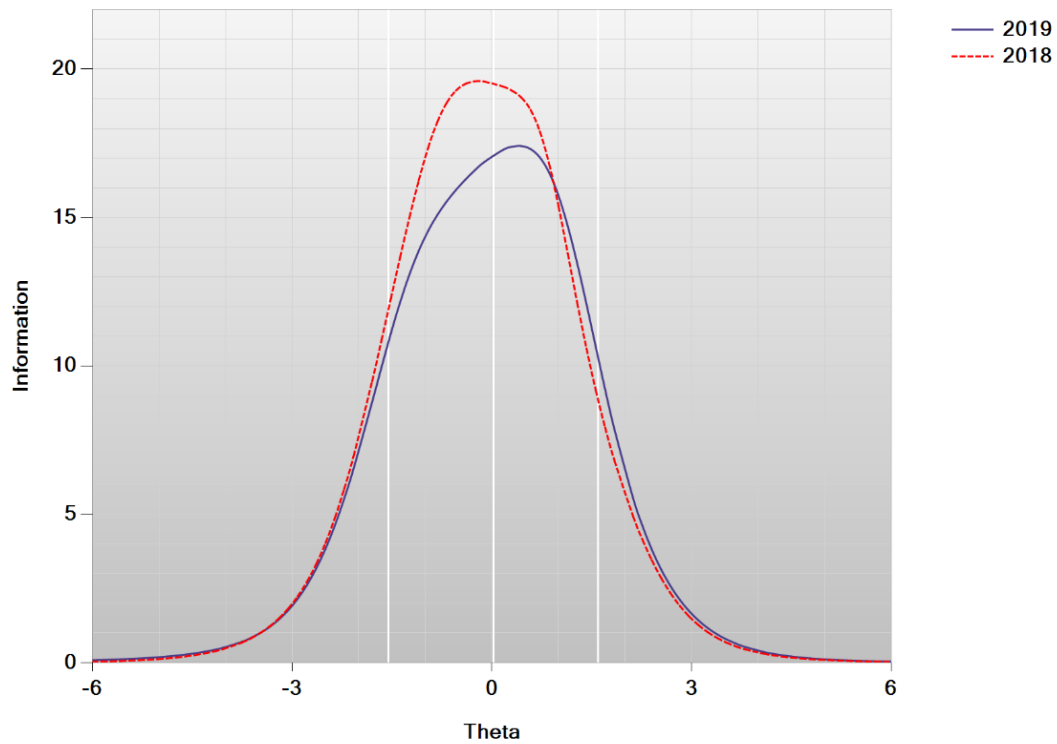
**Figure K-18. Test Information Function—Mathematics Grade 4**



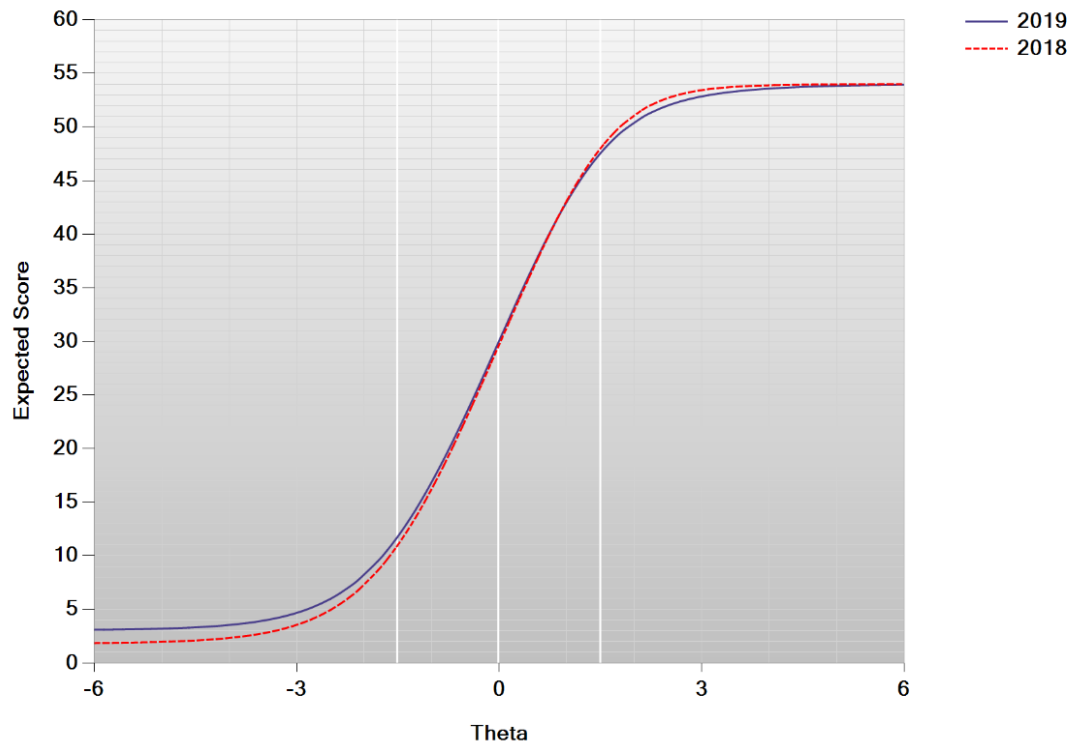
**Figure K-19. Test Characteristic Curve—Mathematics Grade 5**



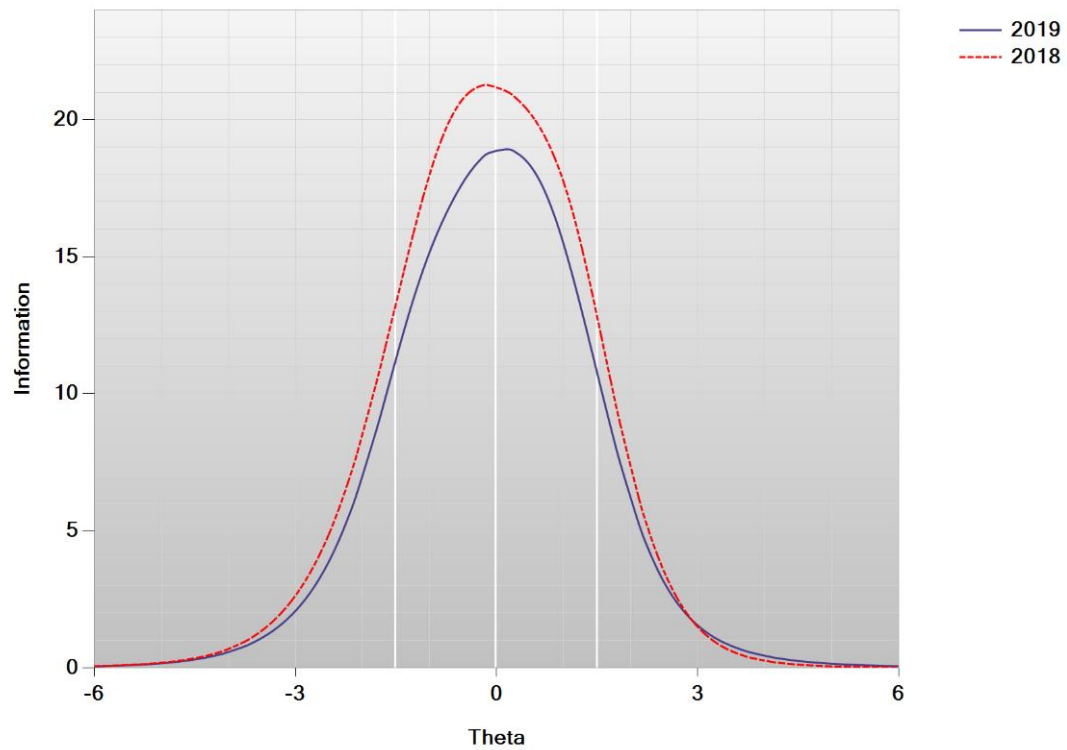
**Figure K-20. Test Information Function—Mathematics Grade 5**



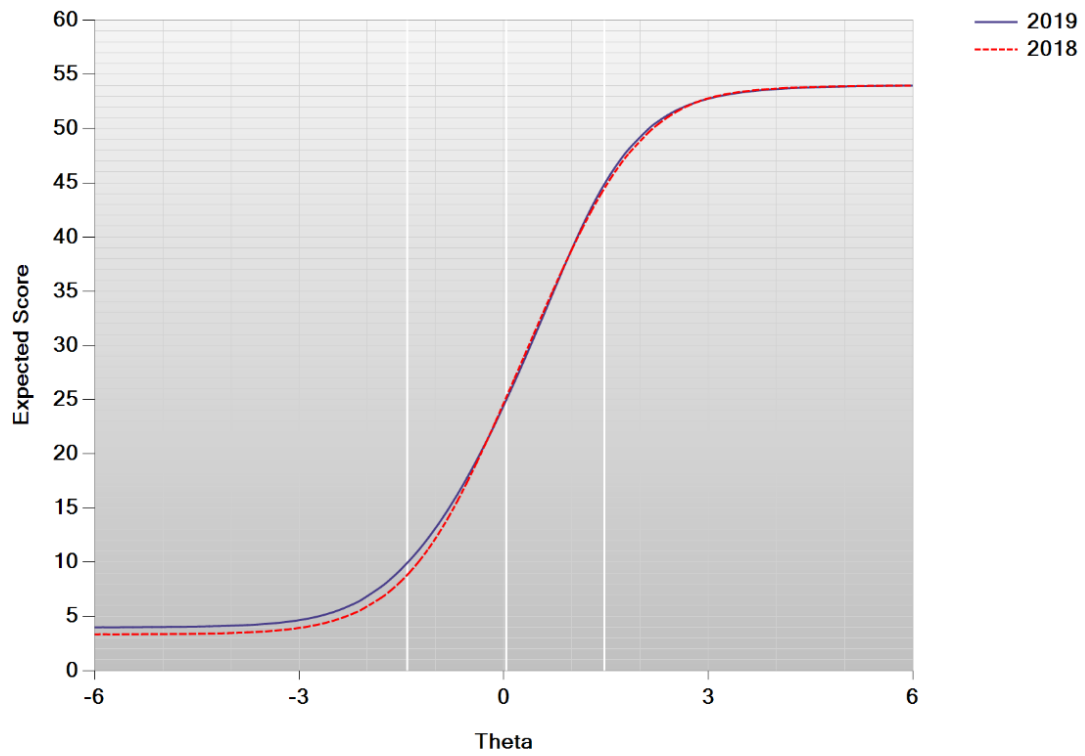
**Figure K-21. Test Characteristic Curve—Mathematics Grade 6**



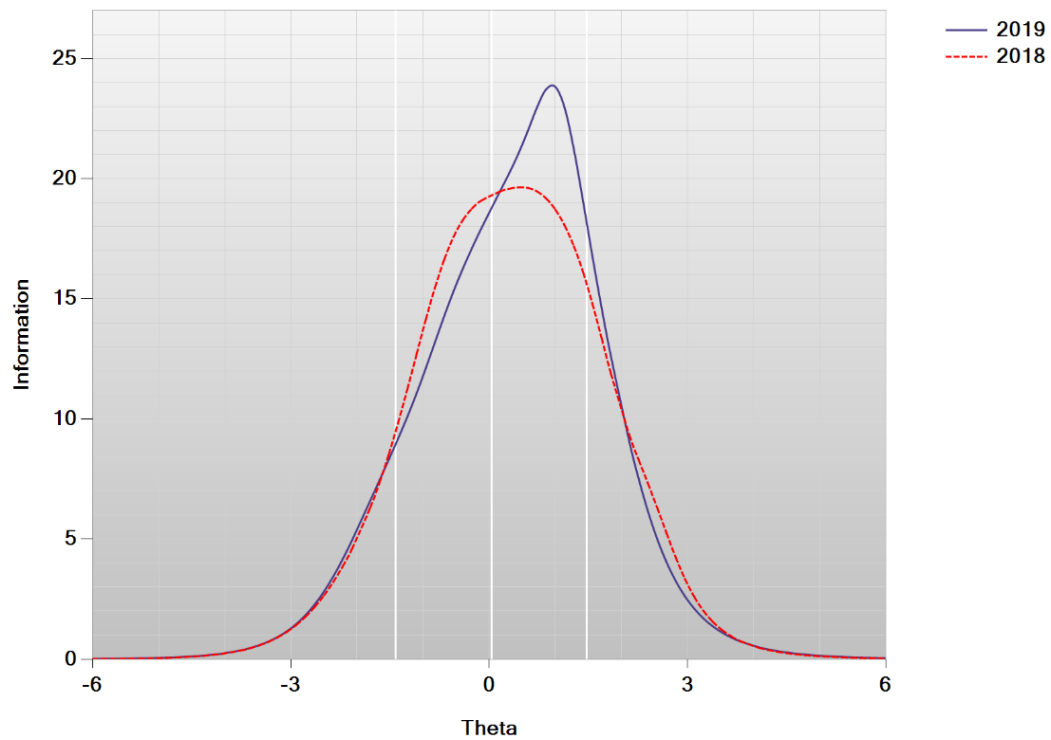
**Figure K-22. Test Information Function—Mathematics Grade 6**



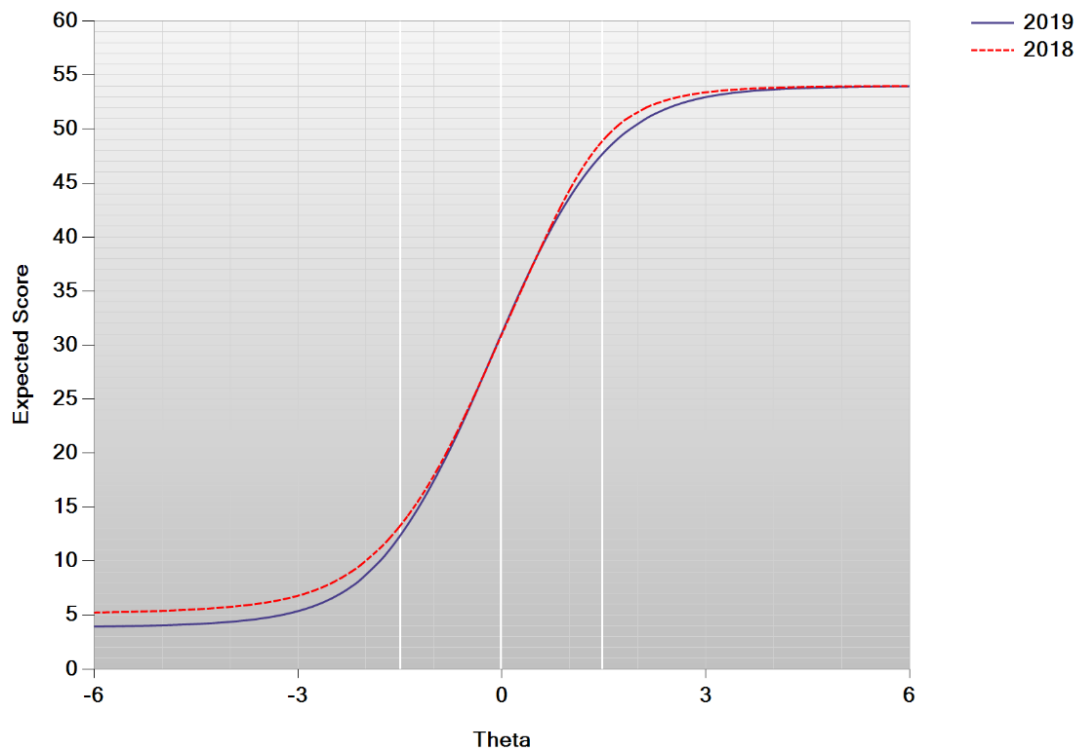
**Figure K-23. Test Characteristic Curve—Mathematics Grade 7**



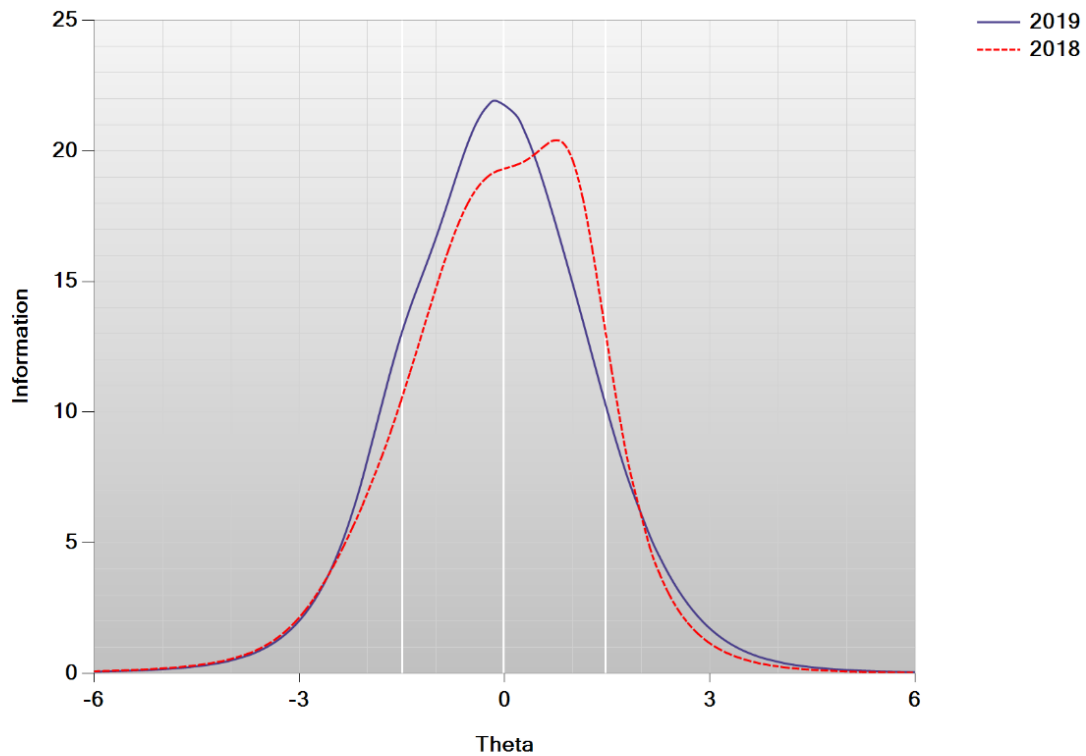
**Figure K-24. Test Information Function—Mathematics Grade 7**



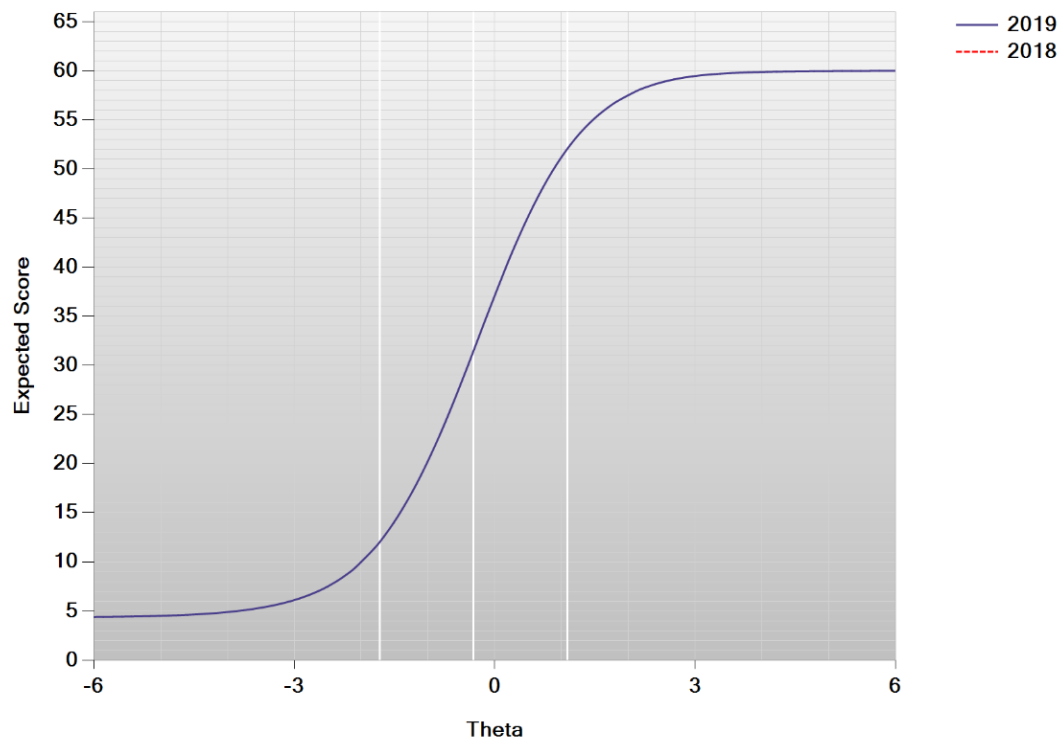
**Figure K-25. Test Characteristic Curve—Mathematics Grade 8**



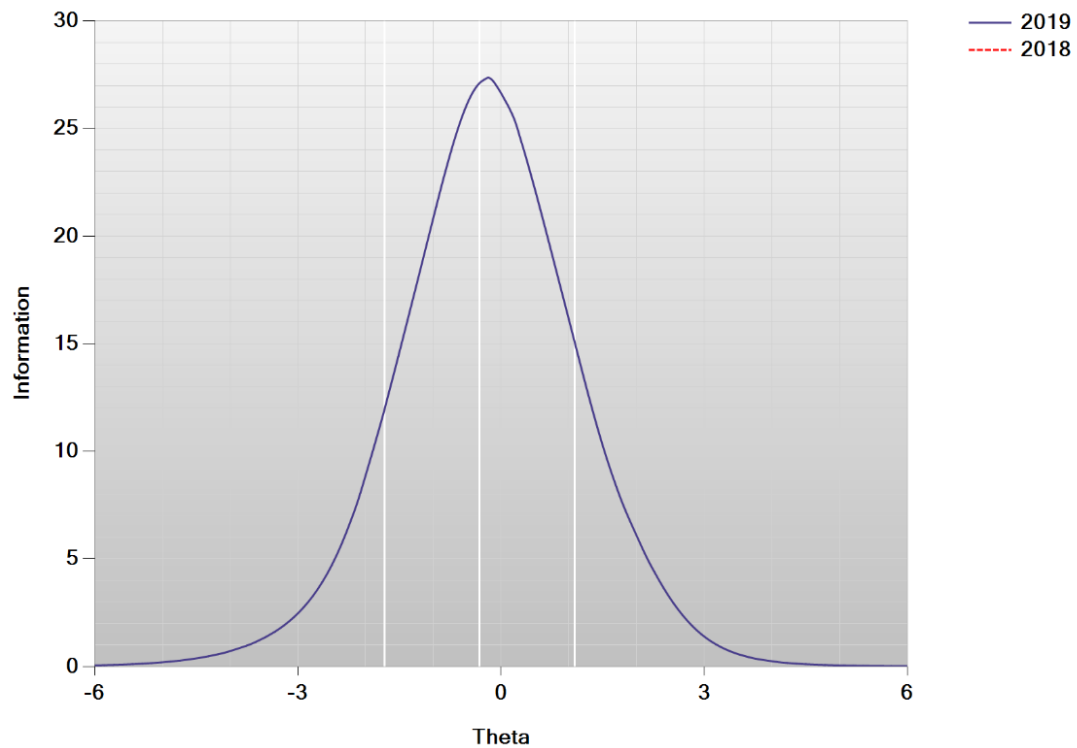
**Figure K-26. Test Information Function—Mathematics Grade 8**



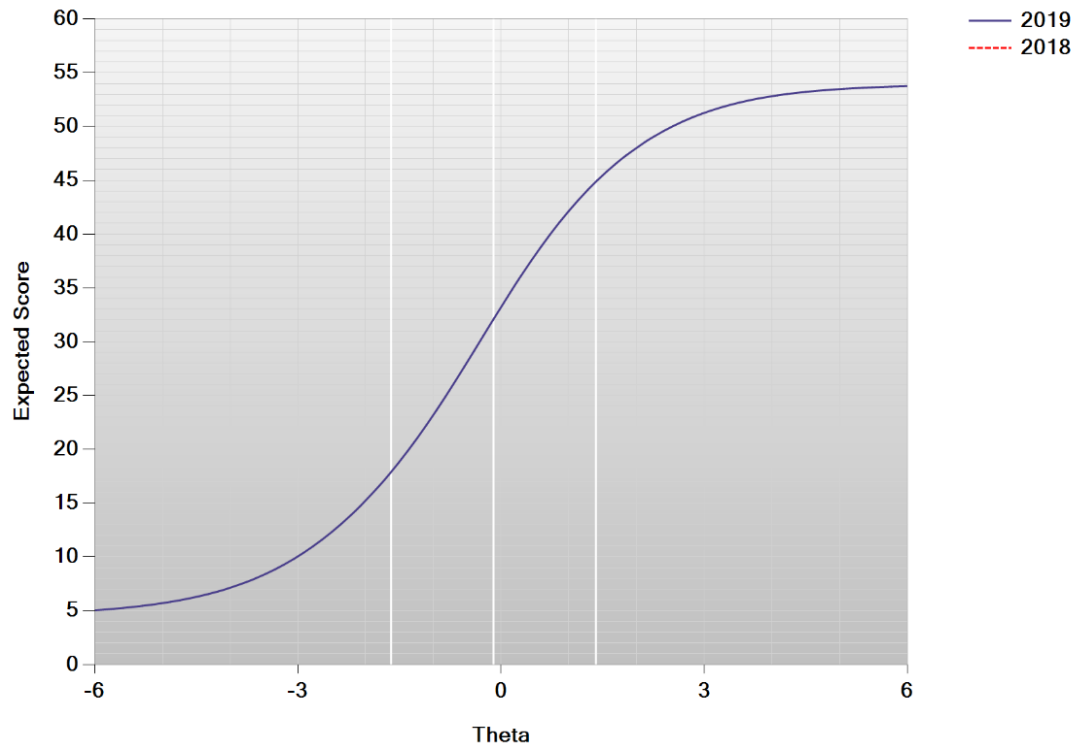
**Figure K-27. Test Characteristic Curve—Mathematics Grade 10**



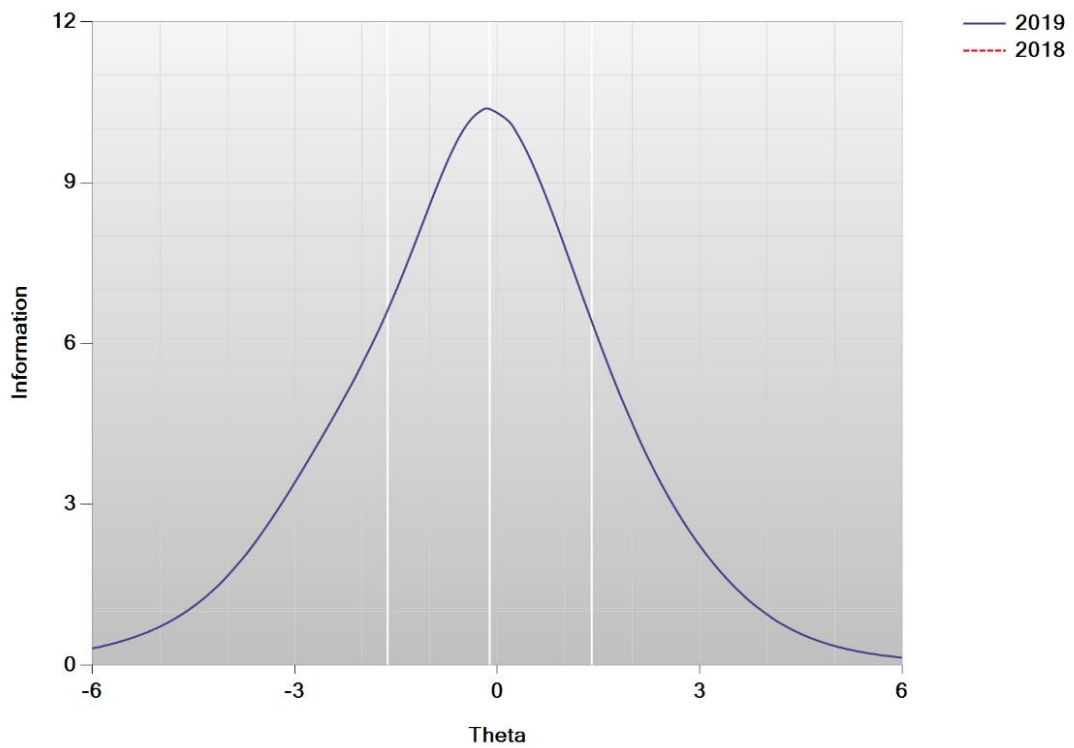
**Figure K-28. Test Information Function—Mathematics Grade 10**



**Figure K-29. Test Characteristic Curve—STE Grade5**

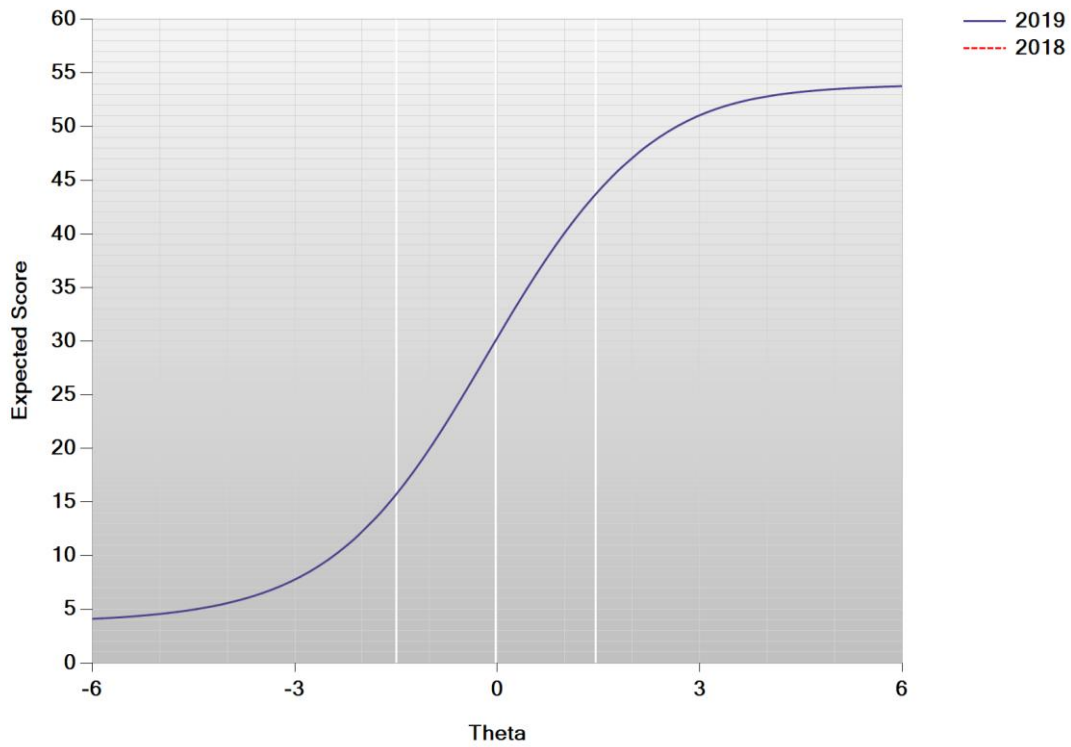


**Figure K-30. Test Information Function—STE Grade 5**





**Figure K-31. Test Characteristic Curve—STE Grade 8**



**Figure K-32. Test Information Function—STE Grade 8**

