# Explore Feature Integration Validation Checklist

## Structure and Formatting

* Proper section numbering (5.3) consistent with master blueprint
* All subsections properly indexed (5.3.1, 5.3.2, etc.)
* Formatting consistent with Quest feature template
* SQL schema definitions properly formatted
* API endpoint examples in correct JSON format
* Celery task code properly formatted with docstrings

## Content Completeness

* Definitions and glossary section complete
* System architecture with frontend and backend components
* Database models with complete SQL schema definitions
* API endpoints with request/response examples
* User experience flow covering all interaction paths
* XP integration with award structure
* Notifications integration with delivery mechanisms
* Accessibility features detailed
* Implementation considerations addressed
* Celery tasks with complete code examples

## Cross-Feature Integration

* Integration with Ask feature
* Integration with Journal feature
* Integration with Quest feature
* Integration with Forum feature
* Integration with XP system
* Integration with notification system

## Technical Requirements

* Frontend components with .tsx extension
* Backend components with .py extension
* Database models with proper indexes
* API endpoints with authentication requirements
* Celery tasks with proper task decorators
* Notification types and delivery mechanisms

## Potential Integration Questions

* Confirm mapping of concept mastery levels to XP rewards
* Verify integration with existing notification system
* Confirm offline data synchronization approach
* Verify cache implementation for visualizations

## Final Verification

* All sections present and complete
* Proper indexing throughout document
* Consistent formatting with master blueprint
* No missing components or placeholders
* Ready for integration into master blueprint