

# Teaching Script: Computer Adventures - Digital Skills Foundation

## Lesson Overview:

**Grade Level:** Reception/Year 1 (Ages 5-6)

**Duration:** 30 minutes

**Focus Areas:** Basic Computer Skills, Phonics (A-C and vowels)

## Learning Objectives:

- Identify and name basic computer parts
- Develop preliminary mouse control skills
- Associate letter sounds with computer keys
- Practice basic digital safety habits

✓ Computer demonstration station

✓ Large display screen

✓ Computer parts posters

✓ Letter cards (A-C, vowels)

✓ Hand sanitizer station

✓ Song charts

✓ Student name tags

✓ Floor keyboard mat

## Pre-Lesson Setup (Teacher Preparation)

### Room Configuration:

- Arrange carpet area in semicircle facing demonstration screen
- Position computer station at child height
- Ensure all students can see without straining
- Set up sanitization station near entrance
- Post visual aids at child eye level

### Safety Checklist:

- Secure all cables with covers or tape
- Test all equipment functionality

- Adjust screen brightness and contrast
- Check chair stability and height
- Clear walkways of any obstacles
- Position first aid kit within easy reach

## Lesson Introduction (0-5 minutes)

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### [Position yourself at carpet area entrance]

*"Welcome, digital explorers! Before we start our computer adventure, let's show our clean hands! Who remembers our special computer hand check?"*

### [Lead hand sanitizing routine with song]

*"♪ Wash your hands, nice and clean, Ready for our computer screen! Top and bottom, in between, Now we're ready to begin! ♪"*

### Engagement Strategies:

- Use excited, animated voice to build enthusiasm
- Incorporate physical movements with song
- Make eye contact with each student
- Praise proper hand cleaning technique

## Computer Parts Exploration (5-10 minutes)

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[Display large computer parts poster]

*"Let's meet our special computer friends! They're waiting to help us learn and play."*

### Interactive Introduction Sequence:

1. Monitor Mike
  - o Action: Frame face with hands
  - o Chant: "Monitor Mike shows what we see, clear as clear can be!"
2. Keyboard Kelly
  - o Action: Wiggle fingers like typing
  - o Chant: "Keyboard Kelly helps us write, tap the keys with fingers light!"
3. Mouse Max
  - o Action: Practice click motion
  - o Chant: "Mouse Max moves here and there, clicks with special care!"

### Support Strategies:

- Visual learners: Point to each part while discussing
- Kinesthetic learners: Incorporate movement with each part
- ELL students: Use clear gestures and simple phrases
- Additional support: Pair struggling students with confident peers

## Mouse Control Skills (10-15 minutes)

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*"Now we're going to learn the special Mouse Max dance! Everyone find your space bubble."*

[Demonstrate proper mouse grip and positioning]

### Mouse Control Sequence:

1. Grip Practice (2 minutes)
  - o "Gentle fingers, like holding a small egg"
  - o "Wrist down like a sleeping cat"
  - o "Click softly like touching a bubble"
2. Movement Practice (3 minutes)
  - o "Up to the sky" (Move mouse up)
  - o "Down to the ground" (Move mouse down)
  - o "Side to side like a happy dance" (Move mouse left and right)

## Common Challenges:

- Gripping too tightly - remind of "gentle fingers"
- Lifting mouse - demonstrate "skating on ice"
- Random clicking - practice "patient clicking"

## Keyboard Exploration (15-20 minutes)

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*"Time to meet Keyboard Kelly's letter friends! Each key has a special sound to share."*

### Letter Sound Discovery:

#### 1. Letter 'A' Introduction

- Show letter card with apple picture
- Practice "a" sound together
- Find 'A' on keyboard (use spotlight pointer)
- Group practice: "A says /æ/ as in apple!"

#### 2. Letter 'B' Introduction

- Show letter card with ball picture
- Practice "b" sound together
- Find 'B' on keyboard
- Group practice: "B says /b/ as in ball!"

#### 3. Letter 'C' Introduction

- Show letter card with cat picture
- Practice "c" sound together
- Find 'C' on keyboard
- Group practice: "C says /k/ as in cat!"

### Engagement Strategies:

- Use exaggerated mouth movements for sound formation
- Incorporate hand signals for each letter
- Practice "keyboard tapping" in the air
- Create letter sound stories

## Digital Safety Rules (20-25 minutes)

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*"Now we're going to learn our special computer safety rules. These help us be super digital heroes!"*

### **The Five Golden Rules:**

#### **1. Clean Hands Rule**

- Action: Practice hand washing motion
- Chant: "Before we tap, before we click, wash our hands and make them slick!"

#### **2. Gentle Touch Rule**

- Action: Demonstrate gentle typing
- Chant: "Soft and gentle is our way, helps computer friends to play!"

#### **3. Listening Ears Rule**

- Action: Cup ears with hands
- Chant: "Listen close to what's been said, then we know what's up ahead!"

## Practice Activities (25-30 minutes)

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### Station Activities:

1. Mouse Control Station
  - Equipment: Practice mouse pad with paths
  - Task: Follow the rainbow path
  - Success Criteria: Smooth movement, gentle clicks
2. Keyboard Explorer Station
  - Equipment: Large format keyboard cards
  - Task: Match letter cards to keyboard
  - Success Criteria: Correct letter identification
3. Computer Parts Puzzle Station
  - Equipment: Magnetic computer parts board
  - Task: Place parts in correct positions
  - Success Criteria: Accurate placement

### Group Management:

- Divide class into three equal groups
- 5 minutes per station
- Use musical transition signal
- Clockwise rotation pattern

## Assessment and Observation

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### Skills Checklist:

Skill Area	Beginning	Developing	Secure
Mouse Control	Requires physical guidance	Occasional support needed	Independent control
Letter Recognition	Recognizes 1 letter	Recognizes 2 letters	Recognizes all 3 letters
Safety Rules	Recalls 1-2 rules	Recalls 3-4 rules	Recalls all rules

## Extension Activities and Home Learning

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### Additional Learning Opportunities:

### In-Class Extensions:

- Computer Parts Memory Game
  - Materials: Picture cards of computer parts
  - Activity: Traditional memory matching game
  - Learning Focus: Visual recognition and memory
- Digital Heroes Role Play
  - Materials: Safety rule cards, props
  - Activity: Act out computer safety scenarios
  - Learning Focus: Rule reinforcement through drama

### Home Learning Activities:

- Letter Hunt
  - Find objects at home starting with A, B, C
  - Draw pictures of found objects
  - Practice letter sounds with family
- Mouse Control Practice
  - Draw curved paths on paper
  - Practice finger movements
  - Create click-point targets

### Parent/Guardian Note:

Dear Families,

Today your child began their exciting journey into digital learning. They learned about computer parts, basic mouse control, and important safety rules. You can support their learning by:

- Practicing gentle touch with household items
- Singing our computer safety songs together
- Identifying letters A, B, C in everyday settings
- Reinforcing hand cleaning habits

## Lesson Conclusion (25-30 minutes)

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*"What wonderful digital explorers you've been today! Let's remember our computer friends."*

### Final Review Game:

- Point to Monitor Mike (class responds with viewing action)
- Touch Keyboard Kelly (class responds with typing action)
- Hold Mouse Max (class responds with clicking action)

### **Clean-up Checklist:**

- Gentle mouse placement
- Keyboard straightening
- Chair pushing in
- Hand sanitizing

*"Remember our computer safety song as we leave:"*

*♪ Gentle hands and careful feet, Make our computer time so sweet. Clean and tidy as can be, That's how careful we must be! ♪"*

## **Quick Assessment**

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### **Student Success Indicators:**

- Names basic computer parts
- Demonstrates proper mouse grip
- Follows safety routines
- Participates in movement activities
- Shows understanding of care procedures