**รายงานการวิจัย**

**เรื่อง**

**....................................................................................................................................................................................................................................**

**โดย**

**(ชื่อ)........................................................................................**

**(ตำแหน่ง)...............................................................................**

**โรงเรียนแก่งหางแมวพิทยาคาร**

**สำนักงานเขตพื้นที่การศึกษามัธยทศึกษาเขต 7**

**ภาคเรียนที่..............................ปีการศึกษา.........................................**

รายงานการวิจัย

เรื่อง

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โดย

(ชื่อ)........................................................................................

(ตำแหน่ง)...............................................................................

โรงเรียนแก่งหางแมวพิทยาคาร

สำนักงานเขตพื้นที่การศึกษามัธยทศึกษาเขต 7

ภาคเรียนที่..............................ปีการศึกษา.........................................

**คำนำ**

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 ผู้วิจัย

**ชื่อผู้วิจัย :** ..............................................................................................................................................

**ชื่อเรื่อง :** .................................................................................................................................................

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**ปีการศึกษา :** ...............................................................................................................................................

**บทคัดย่อ**

 การวิจัยครั้งนี้เป็นการวิจัยเชิง..............................................................................................................

มีวัตถุประสงค์เพื่อ..............................................................................................................................................

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เรื่อง...............................................................................วิชา..............................................................................

ตามหลักสูตร.....................................................................................................................................................

 กลุ่มตัวอย่างที่ใช้คือ.............................................................................................................................

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เครื่องมือที่ใช้ในการวิจัยได้แก่...........................................................................................................................

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วิเคราะห์ข้อมูลโดยใช้สถิติ.................................................................................................................................

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 ผลการวิจัยปรากฎว่า.............................................................................................................................

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**สารบัญ**

 **หน้า**

**คำนำ**......................................................................................................................

**บทคัดย่อ**...............................................................................................................

**บทที่ 1 บทนำ**

ความเป็นมาและความสำคัญของปัญหา....................................................

 วัตถุประสงค์ของการวิจัย...........................................................................

 สมมติฐานการวิจัย (ถ้ามี) ..........................................................................

 ขอบเขตของการวิจัย..................................................................................

 นิยามศัพท์เฉพาะ.......................................................................................

 ประโยชน์ที่คาดว่าจะได้รับ.......................................................................

**บทที่ 2 เอกสารและงานวิจัยที่เกี่ยวข้อง**

 เอกสารที่เกี่ยวข้อง.....................................................................................

 งานการวิจัยที่เกี่ยวข้อง..............................................................................

**บทที่ 3 วิธีดำเนินการวิจัย**

 แบบแผนการวิจัย......................................................................................

 ประชากร/กลุ่มตัวอย่าง.............................................................................

 เครื่องมือที่ใช้ในการวิจัย...........................................................................

 ขั้นตอนการสร้างเครื่องมือ........................................................................

 การดำเนินการวิจัย/การเก็บรวบรวมข้อมูล...............................................

 สถิติที่ใช้ในการวิเคราะห์ข้อมูล................................................................

**บทที่ 4 ผลการวิจัย**.............................................................................................

**สารบัญ (ต่อ)**

 **หน้า**

**บทที่ 5 สรุปและข้อเสนอแนะ**............................................................................

 วัตถุประสงค์ของการวิจัย...........................................................................

 ประชากร/กลุ่มตัวอย่าง...............................................................................

 สรุปผลการวิจัย..........................................................................................

 อภิปรายผล.................................................................................................

 ข้อเสนอแนะ..............................................................................................

**บรรณานุกรม**...........................................................................................................

**ภาคผนวก**.................................................................................................................

**บทที่ 1**

**บทนำ**

**ความเป็นมาและความสำคัญของปัญหา**

(ความต้องการระดับชาติ/ แผนฯ10 / พ.ร.บ.การศึกษา 2542) ..............................................................

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 (ความต้องการ ความรับผิดชอบของหน่วยงาน).................................................................................

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 (ปัญหาที่เกิดกับผู้เรียนในวิชาที่จะทำวิจัย)...........................................................................................

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 (ปัญหาที่เกิดขึ้นกับผู้เรียนในวิชาที่จะทำวิจัย)......................................................................................

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**วัตถุประสงค์ของการวิจัย**

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1. เพื่อ................................................................................................................................................

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**สมมติฐานของการวิจัย (ถ้ามี)**

 การวิจัยครั้งนี้มีสมมติฐานดังนี้

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**ขอบเขตของการวิจัย**

1. ขอบเขตด้านเนื้อหา ทำการวิจัยในเนื้อหาเรื่อง..............................................................................

วิชา ...........................................................................ตามหลักสูตร..................................................................

........................................................................................................................................................................... 2. ประชากรของการวิจัยครั้งนี้คือ นักเรียนระดับ.....................ชั้นปีที่.............แผนกวิชา..............

....................................................................ของโรงเรียน................................................... ในภาคเรียนที่................ปีการศึกษา..........................................จำนวน.....................................คน

3. กลุ่มตัวอย่างคือ นักเรียนระดับ.....................ชั้นปีที่.............แผนกวิชา..............

....................................................................ของโรงเรียน................................................... ในภาคเรียนที่................ปีการศึกษา..........................................จำนวน.....................................คน

 4. ตัวแปรที่ศึกษาได้แก่

 4.1 ตัวแปรอิสระ

 4.1.1 ......................................................................................................................................

 4.1.2 .....................................................................................................................................

 4.2 ตัวแปรตาม

 4.2.1 .......................................................................................................................................

 4.2.2 ......................................................................................................................................

5. การวิจัยครั้งนี้ดำเนินการในภาคเรียนที่.......................ปีการศึกษา............................................

**นิยามศัพท์เฉพาะ**

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**ประโยชน์ที่คาดว่าจะได้รับ**

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**บทที่ 2**

**เอกสารและงานวิจัยที่เกี่ยวข้อง**

 การศึกษาเอกสาร และงานวิจัยที่เกี่ยวข้องกับการวิจัยครั้งนี้ ผู้วิจัยได้ศึกษารายละเอียดต่างๆ ดังนี้

**เอกสารที่เกี่ยวข้อง**

 ( หลักสูตร คำอธิบายรายวิชา ความหมาย ประโยชน์ ข้อดี ข้อเสีย หลักการ วิธีการ ทฤษฎีการเรียนการสอน สื่อการสอน การสร้างเครื่องมือ การสร้างแบบทดสอบ การสร้างแบบสอบถาม การสร้างสื่อแบบต่างๆ ฯลฯ )

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**(สรุปการศึกษาเอกสารที่เกี่ยวข้อง)**

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**งานวิจัยที่เกี่ยวข้อง**

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 **(สรุปงานวิจัยที่เกี่ยวข้อง)** ...............................................................................................................

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**บทที่ 3**

**วิธีดำเนินการวิจัย**

 การวิจัยเรื่อง .........................................................................................................................................

...........................................................................................................................................................................ผู้วิจัยได้ดำเนินการวิจัย ตามขั้นตอนดังนี้

1. **แบบแผนการวิจัย**

การวิจัยครั้งนี้ เป็นการวิจัยเชิง.......................................................................................................

มีวัตถุประสงค์เพื่อ ............................................................................................................................................

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 **2. ประชากร/กลุ่มตัวอย่าง**

 ประชากรของการวิจัยครั้งนี้คือ นักเรียนระดับ.....................ชั้นปีที่.............แผนกวิชา..............

....................................................................ของโรงเรียน................................................... ในภาคเรียนที่................ปีการศึกษา..........................................จำนวน.....................................คน

 กลุ่มตัวอย่างคือนักเรียนระดับ.....................ชั้นปีที่.............แผนกวิชา..............

....................................................................ของโรงเรียน................................................... ในภาคเรียนที่................ปีการศึกษา..........................................จำนวน.....................................คน

ที่เลือกโดย ........................................................................................................................................................

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 **3. เครื่องมือที่ใช้ในการวิจัย**

 เครื่องมือที่ใช้ในการวิจัยครั้งนี้ประกอบด้วย

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1. **ขั้นตอนการสร้างเครื่องมือแต่ละประเภท**

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1. **การดำเนินการวิจัย / การเก็บรวบรวมข้อมูล**

การวิจัยครั้งนี้ เป็นการวิจัยเชิง...............................แบบ...............................................................

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1. **การวิเคราะห์ข้อมูล**

 ในการศึกษาวิจัยครั้งนี้เพื่อ..............................................................................................................

ผู้วิจัยได้ดำเนินการวิเคราะห์ต่างๆดังนี้

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1. สถิติที่ใช้ในการวิเคราะห์ข้อมูล

 ในการวิจัยครั้งนี้ ผู้วิจัยได้วิเคราะห์ข้อมูลต่างๆโดยใช้สูตรทางสถิติ ดังต่อไปนี้

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**บทที่ 4**

**ผลการวิจัย**

 การวิจัยครั้งนี้มีวัตถุประสงค์เพื่อ..........................................................................................................

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โดยเสนอผลการวิเคราะห์ข้อมูลเป็นลำดับ ในลักษณะตารางประกอบคำบรรยายดังนี้

1. การวิเคราะห์ผลการทำแบบฝึกหัด
2. การวิเคราะห์หาประสิทธิภาพของชุดการสอน
3. การวิเคราะห์ผลสัมฤทธิ์ทางการเรียน

4.1 การวิเคราะห์ผลการทำแบบฝึกหัด

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ตารางที่ 4-1 แสดงการวิเคราะห์ผลการทำแบบฝึกหัด

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 4.2 การวิเคราะห์หาประสิทธิภาพของชุดการสอน

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ตารางที่ 4-2 แสดงผลการวิเคราะห์หาประสิทธิภาพของชุดการสอน

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 4.3 การวิเคราะห์ผลสัมฤทธิ์ทางการเรียน

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ตารางที่ 4-3 ผลการวิเคราะห์คะแนนเฉลี่ยของการทดสอบก่อนเรียนกับหลังเรียน

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 การวิจัยครั้งนี้ได้กำหนดสมมติฐานไว้ว่า .............................................................................................

......................................................................................................................................................................................................................................................................................................................................................ซึ่งจากการทดลองใช้ชุดการสอนพบว่าคะแนนทดสอบก่อนเรียนมีค่าเฉลี่ยเท่ากับ................... ส่วนคะแนนทดสอบหลังเรียน มีค่าเท่ากับ.......................... เมื่อนำค่าเฉลี่ยของคะแนนไปทดสอบความแตกต่าง โดยใช้

t – test dependent พบว่า ค่า t จากการคำนวณเท่ากับ ............................ ส่วนค่า t จากตารางที่ df = N – 1

เท่ากับ ............................... ดังนั้นค่า t จากการคำนวณสูงกว่าค่า t จากตาราง สรุปได้ว่าคะแนนเฉลี่ยจากการทดสอบหลังเรียน (Post – test) สูงกว่าคะแนนเฉลี่ยจากการทดสอบก่อนเรียน (Pre – test) จริง เชื่อถือได้ 99 % สรุปว่าผู้เรียนที่เรียนด้วยชุดการสอนเรื่อง..................................................แล้ว มีความรู้สูงขึ้นจริง เป็นไปตามสมมติฐานข้อที่....................

**บทที่ 5**

**สรุปผลและข้อเสนอแนะ**

การวิจัยครั้งนี้เป็นการวิจัยเชิงทดลอง มีวัตถุประสงค์เพื่อ.................................................................

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**วัตถุประสงค์ของการวิจัย**

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**สมมุติฐานของการวิจัย**

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**ประชากร /กลุ่มตัวอย่าง**

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**สรุปผลการวิจัย**

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**อภิปรายผล**

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**ข้อเสนอแนะ**

1. ข้อเสนอแนะจากการวิจัยครั้งนี้ (ข้อบกพร่อง ข้อควรแก้ไข ข้อควรระวัง ข้อดี – ข้อควรปฏิบัติ)

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 2. ข้อเสนอแนะเพื่อการวิจัยครั้งต่อไป ( เรื่อง หัวข้อ วิชา วิธีการ ฯลฯ ที่ควรทำวิจัย )

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**บรรณานุกรม**

ภาษาไทย

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ภาษาอังกฤษ

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**ภาคผนวก**