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| Scratch Introductory Level Lesson Six | | | | | | | | |
| **Lesson Overview** | | | | | | | | |
| **Topic** | | Scratch  Intro. | | **Design Content**  **Content** | Animals  Color  Stop Script | | **Design Plan** | |
| I believe everyone heard the story of the race between Hare and Tortoise. In this lesson, you will design a coding game about a race of two animals | |
| **Age** | | 8＋ | |
| **Name** | | A game of Tom and Jerry | | | | |
| **Activity**  **Goals** | | **Learning Goals** | | | | **Emotion Goals** | | **Skill Goals** |
| 1.Learn random block  2.Learn touching color block  3.Learn Stop Script block | | | | **1.Increase students ‘endurance**  **2.Develop the ability of renovation**  **3.Increase interesting in coding** | | **1.Understand the rule to run two Sprites at the same time**  **2.Understand the concept of moving speed.**  **3.Konw to Stop Script** |
| **Classroom Segments** | | | | | | | | |
| **ICETeaching Method** | **Intro**  **(10min)** | | **Lead-in questions:**  **1.Who is the winner in the story of The race between Hare and Tortoise?**  **2.Have you ever attend sports meet?**  **3.What’s your ranking on your last sports meet?**  **4. Design a sports meet,** | | | | | |
| **Create**  **（55min）** | | **1.Open Scratch Desktop Software**    **2.Select Backdrop and drop a red line on it**  **3. Choose Sprite Rabbit and Horse**    **4.Determine the start point of two Sprites**      **5.Select Pick Random block and add it into Move motion module**    **6.Set the Starting Direction of the Sprite**    **7.Select Touching color block from “Sensing”module, choose ending line red color from color choise fuuction.**    **8.Select if… then block from “Control”Module and add the touching color block into If…then**    **9.Select Stop all block from “Control”Module then insert it into If…then block and add repeat block**    **10.Follow the above step to duplicate the coding to another Sprite** | | | | | |
| **Thinking**  **Time**  **（5min）** | | 1.How does the speed run randomly?  2.When one Sprite touch the ending line, how to stop all Sprites?  3.How to decide the color? | | | | | |
|  | **Explore**  **(10 min)** | | Add one more Sprite to make three animal complete. | | | | | |
|  | **Share** | |  | | | | | |