



Australian Government
Department of Communications

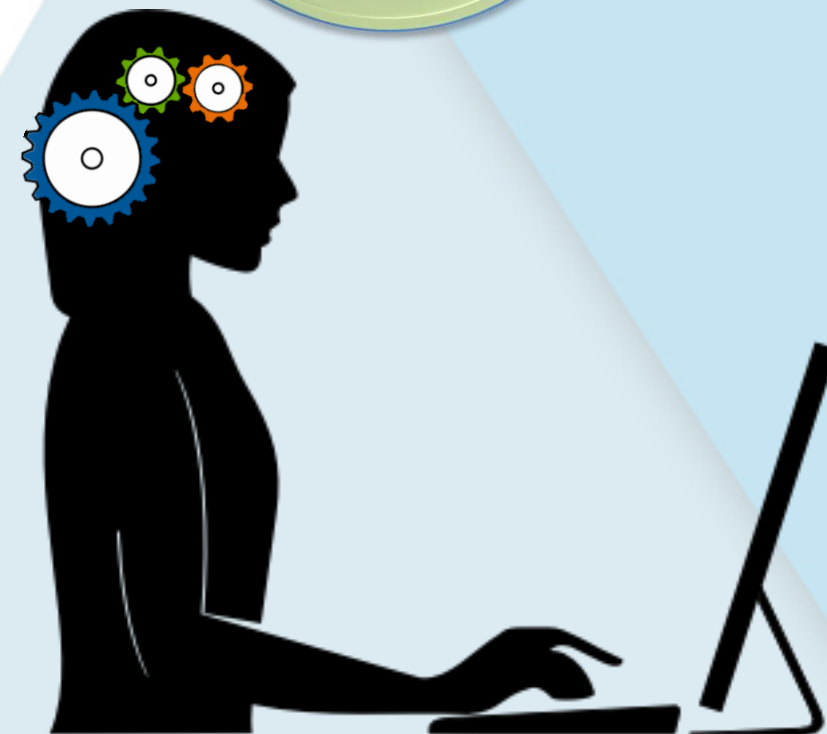
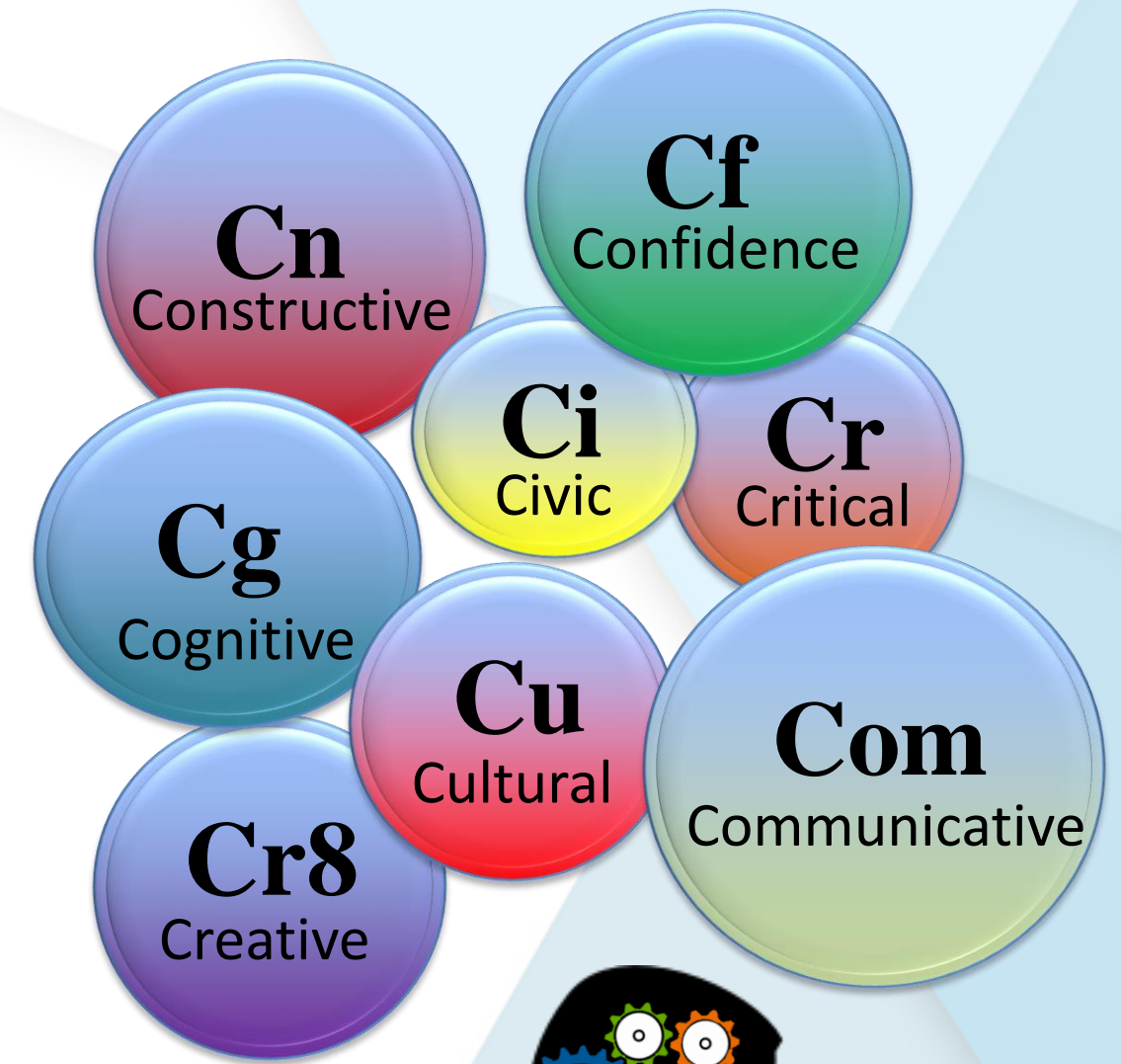
Digital Literacy

Beyond passive use

Ben Macklin, Director Public-Private Partnerships

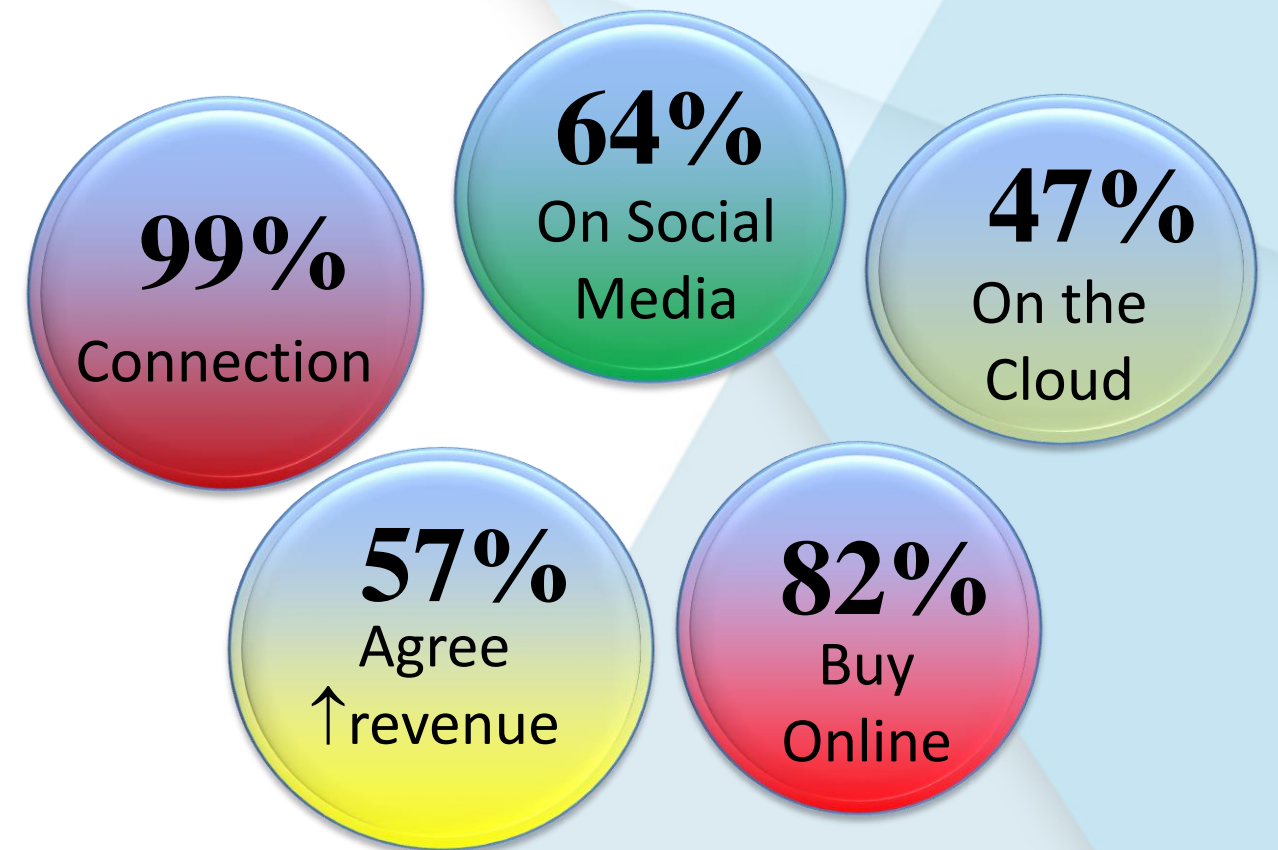
Digital Literacy

- Beyond being able to use software and devices.
- It is having the **skills**, **knowledge** and **imagination** to utilise technology to be **productive**, **competitive** and **innovative**.



Why is it Important?

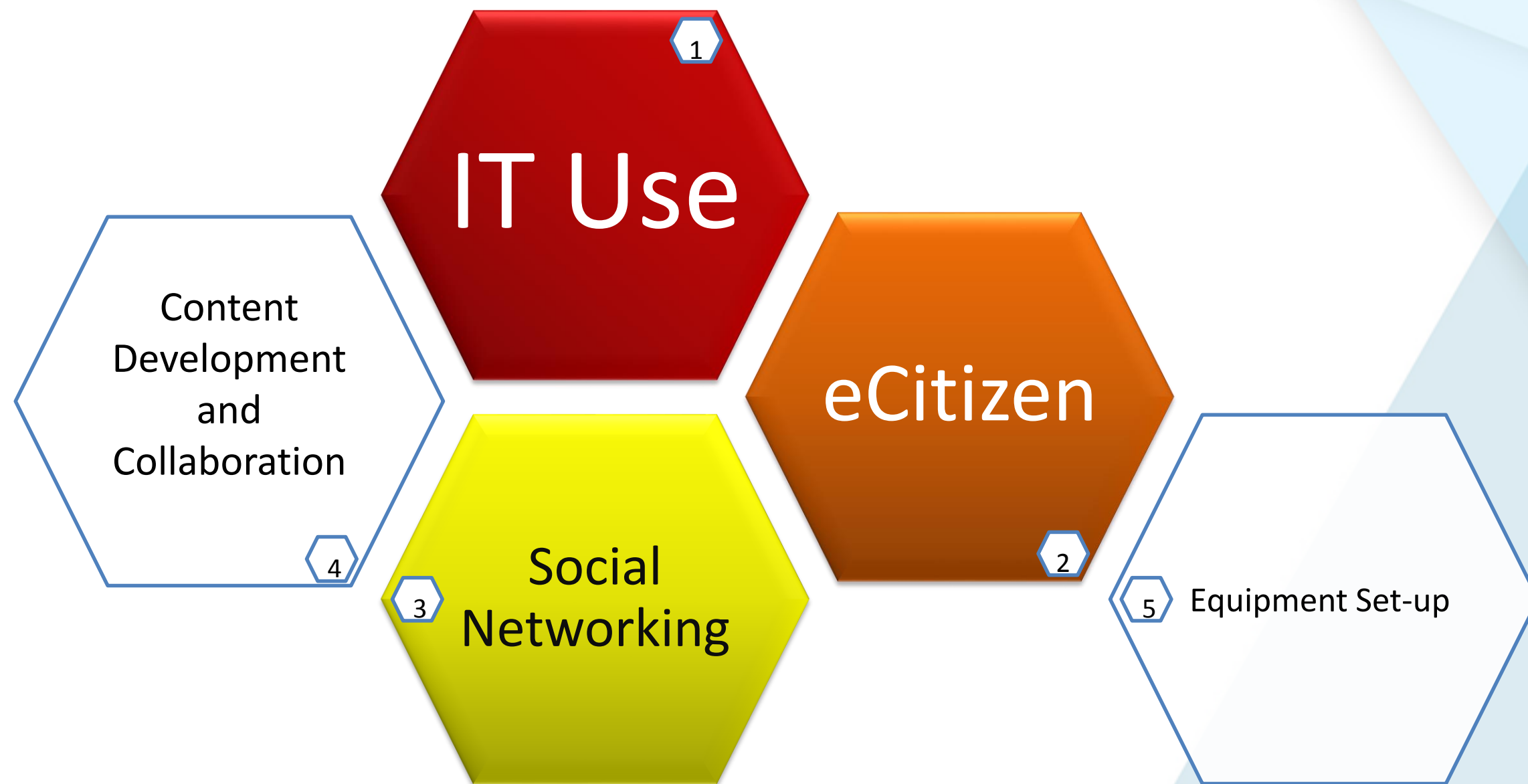
- More and more Australian businesses are using digital technologies
- Constant changes in the work environment and use.
- Competitive businesses have a digital culture (with employees who are digitally literate).
- Jobs of the future



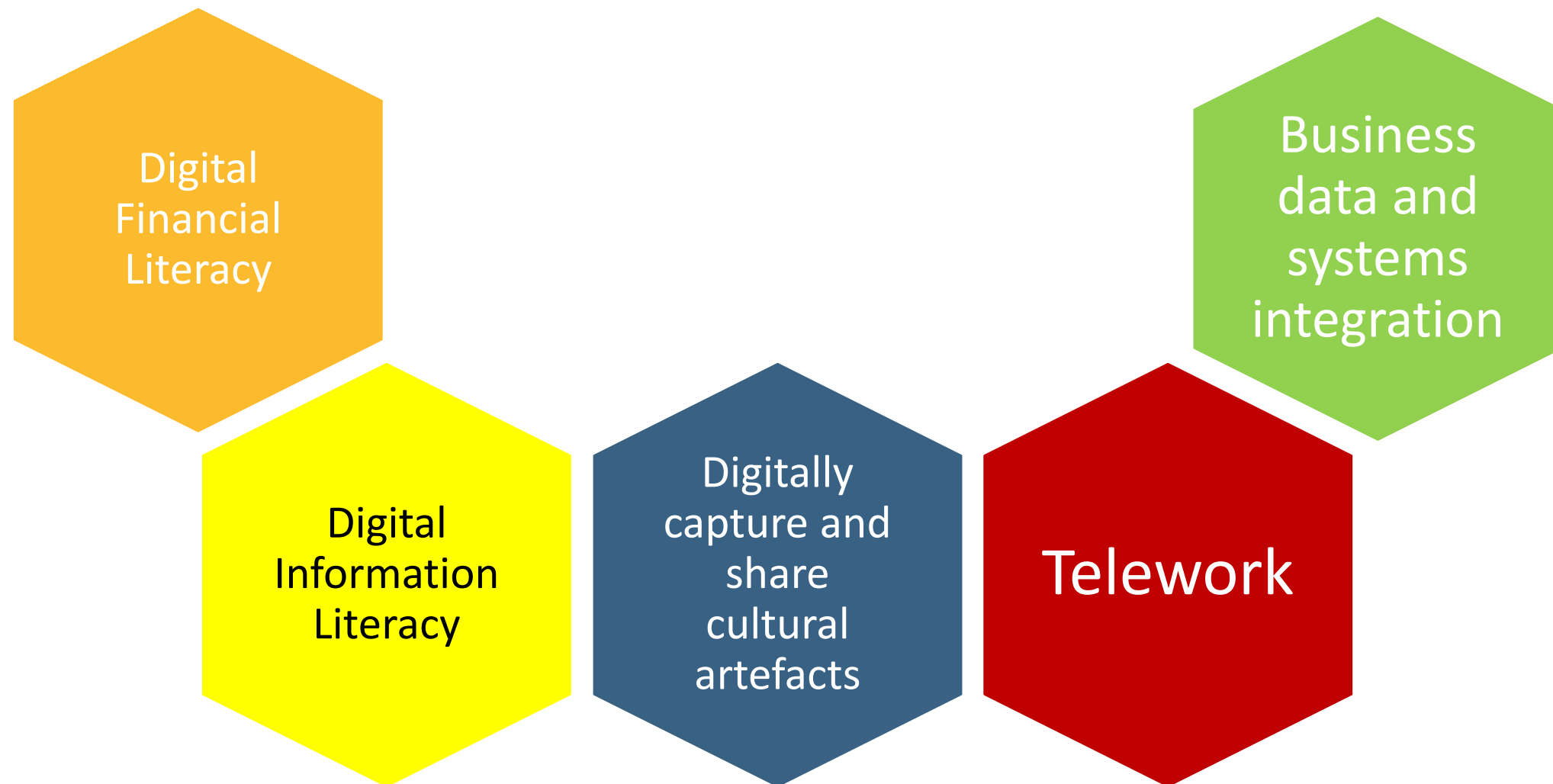
Case Study: Digital Literacy in the Restaurant Industry



Digital Skill Sets



Emerging Digital Skill Sets



CODE CODE CODE CODE CODE CODE CODE CODE CODE

“Everybody in this country should
learn how to program a computer...
because it teaches you how to think.”

- Steve Jobs

Computational THINKING



Bebras Computational Thinking Challenge

Years 7+8

In school, beavers make complicated calculations using this flowchart.
They begin with a number at Start! and follow the instructions:

```
graph LR; Start([Start!]) --> D1{divisible by 2?}; D1 -- YES --> B2[Divide by 2]; D1 -- NO --> A1[Add 1]; B2 --> D2{divisible by 3?}; A1 --> D2; D2 -- YES --> B3[Divide by 3]; D2 -- NO --> D3{smaller than 3?}; B3 --> D1; D3 -- YES --> Finished([Finished!]); D3 -- NO --> D1;
```

When starting with the number 18, what is the number when finished?

Enter your answer and click "Save".

The Future Digital Advantage



Resources Available

Internet Basics



Digital Business Kits

