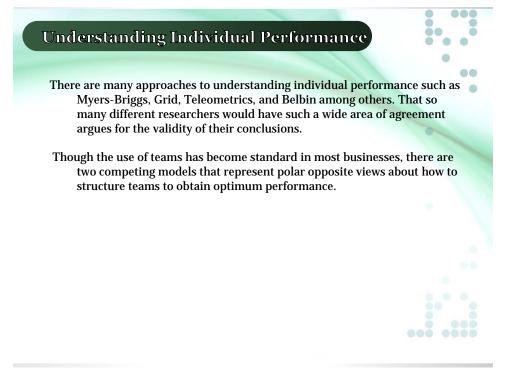
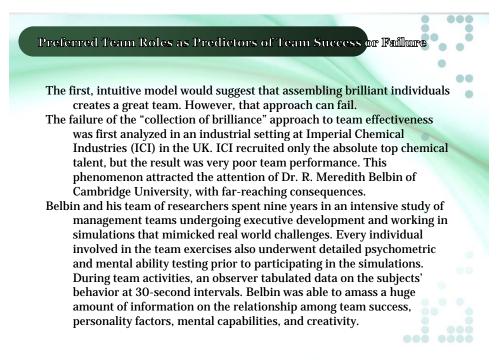


<section-header> Introduction There are many dimensions to team effectiveness—basic facilitation skills, conflict resolution, goal setting, problem solving, etc.—most of which you can learn about from myriad resources. Two areas that aren't given as much attention are: 1. Understanding how team members' strengths and weaknesses can either complement each other to make for an effective team or conflict and lead to failure despite the talent of individuals. 2. Building leadership skills so that black belts can fully utilize team members on projects. These skills include self-management skills, inquiry (rather than advocacy) skills, and communication skills.





Role		Team-Role Contribution	Allowable Weaknesses
Plant		Creative, imaginative, unorthodox. Solves difficult problems.	Ignores details. Too preoccupied to communicate effectively.
Resource Investig	ator	Extrovert, enthusiastic, com- municative. Explores oppor- tunities. Develops contacts.	Overoptimistic. Loses interest once initial enthusiasm has passed.
Coordi		Mature, confident, a good chairperson. Clarifies goals, promotes decision-making, delegates well.	Can be seen as manipulative. Delegates personal work.
Shaper		Challenging, dynamic, thrives on pressure. Has the drive and courage to overcome obstacles.	Can provoke others. Hurts people's feelings.
Monito Evaluat	or	Sober, strategic, and discerning. Sees all options. Judges accurately.	Lacks drive and ability to inspire others. Overly critical.
Team Worker		Cooperative, mild, perceptive, and diplomatic. Listens, builds, averts friction, calms the waters.	Indecisive in crunch situations. Can be easily influenced.
Implem		Disciplined, reliable, conser- vative, and efficient. Turns ideas into practical actions.	Somewhat inflexible. Slow to respond to new possibilities.
Comple Finisher		Painstaking, conscientious, anxious. Searches out errors and omissions. Delivers on time.	Inclined to worry unduly. Reluctant to delegate. Can be a nitpicker.
Speciali		Single-minded, self-starting, dedicated. Provides knowl- edge and skills in rare supply.	Contributes only on a narrow front. Dwells on technicalities. Overlooks the "big picture."

Preferred Team Roles as Predictors of Team Success or Failure

You'll note that Belbin discovered that the personal attributes that enable a person to make a particular type of contribution also create weaknesses that must be accommodated. In other words, our strengths are often accompanied by associated weaknesses. The footnote to the table points out another important lesson: seldom is an executive (or anyone else, for that matter) strong in all nine roles. Finally, every person's preferred role is a good role, f they are aware of it and play it on the team.

Preferred Team Roles as Predictors of Team Success or Failure

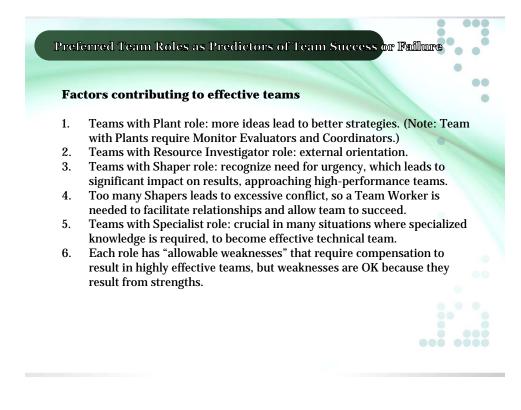
The obvious conclusions are that teams will do best with a combination of roles and that imbalances need to be recognized and dealt with. In fact, Belbin's research identified specific team dynamics that were predictive of team effectiveness (or lack thereof):

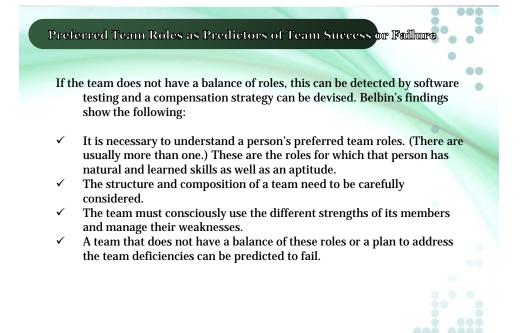
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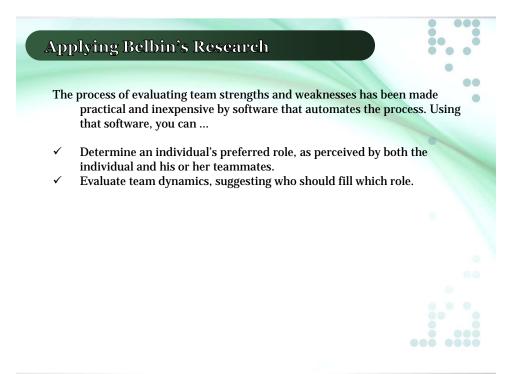
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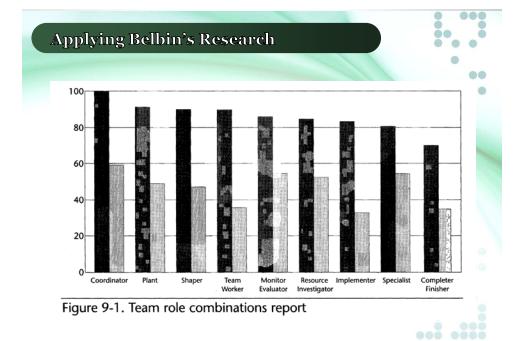
Factors contributing to ineffective teams

- 1. No Monitor Evaluators: the team is unlikely to carefully weigh options when making decisions.
- 2. Too many Monitor Evaluators: "paralysis by analysis" outweighs creative ability
- 3. No Completer Finishers and Implementers: teams that create good strategies but can't execute.



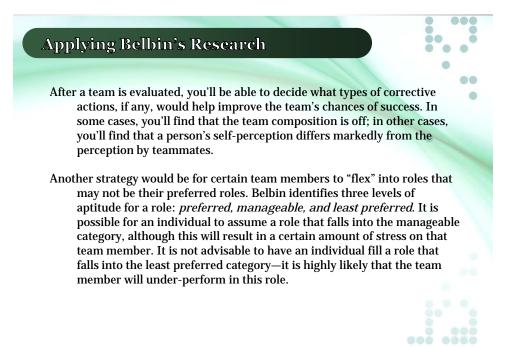






Applying Belbin's Research

- The preceding figure shows a sample preferred roles report from one team. Each of the roles is represented by a bar. The bar on the left represents the individual with the highest score; the bar on the right represents the average score of the whole team.
- This team shows pretty good balance. However, it shows a much higher average on Monitor Evaluator than in Team Worker and is just average as Shaper. The report will warn that this team will be prone to "paralysis by analysis" and make specific recommendations by per- son on who should be empowered as a Shaper, etc.
- A preferred roles chart helps a team to understand where it is strong or weak and where specific individuals can contribute. For example, where an individual score is much greater than the team on a particular role, the team will have a better opportunity for success by leaving that activity to the individual with the strength.







The Importance of Team Leadership

Beware of Dictatorial Black Belts

Most leadership training includes exercises that challenge black belts to reconsider their own ideas of the problem and its solution in the light of input from the team. The development of inquiry skills (in which black belts learn to first understand others' positions) rather than solely advocacy of their own positions is a key success factor in team performance. No one person, not the black belt or the process owner, can know all the issues that may affect cost, quality, or delivery time. Leadership training creates the awareness of the power of collaborative, inclusive thinking—which is a powerful latent source of energy within the team—and tests the black belt's ability to subordinate his or her original thesis to a new thesis based on team input. You can expect that about 20% of your black belts will need remediation and about 5% will, despite their intellect, be unqualified to lead teams. There is a vast body of research that supports this conclusion.



Implications for Black Belt Training

- ✓ Make your workshops interactive so the potential team leaders can develop inquiry skills (where they seek to understand some- one else) over advocacy (where they seek to be understood). Good inquiry skills can draw out the best ideas of the team rather than constrict solutions to those already formed in the team leader's mind. Such skills prepare black belts to address complex situations such as identifying opportunities, involving process owners in projects, and successfully managing their sphere of influence to ensure project completion.
- ✓ Train participants to handle various forms of defensiveness. For example, people need to express their frustrations before they can deal more objectively with issues that are influenced by defensive routines yet many leaders have a very low tolerance for what they perceive as whining. Experienced facilitators intuitively understand this fact and suppress any intolerance they have in favor of allowing team members to vent.

Implications for Black Belt Training

- Monitor the effectiveness of black belts as team leaders. In the author's experience, about 20% of the trainees require additional training or coaching beyond the one week ILE course, and about 5% never succeed in the role.
- Remember: Your champions and black belts will become the catalysts of your culture change, bringing new ideas to their teams and creating a positive chain reaction of improvement in your organization. These skills will enable them to maintain the momentum for improvement as they assume leadership roles in the future.

Implications for Black Belt Training As we approach Black Belt certification, we have reflected on the training we have received. It is our belief that the week of ILE Training was the strongest package we attended. In our opinion Value Based Six Sigma relies on a structured methodology, detailed statistics, but most of all the ability to lead, facilitate, and create synergy within a crossfunctional team. ILE has helped with the following: Creation of self-awareness and the value of personal feedback. ~ Understanding of social and behavioral styles. √ ✓ Facilitation skills. ✓ Development of effective meeting tools/techniques. ✓ Decision making. Peter Bounsall and Mark Bracey, ITT Jabsco (UK)

